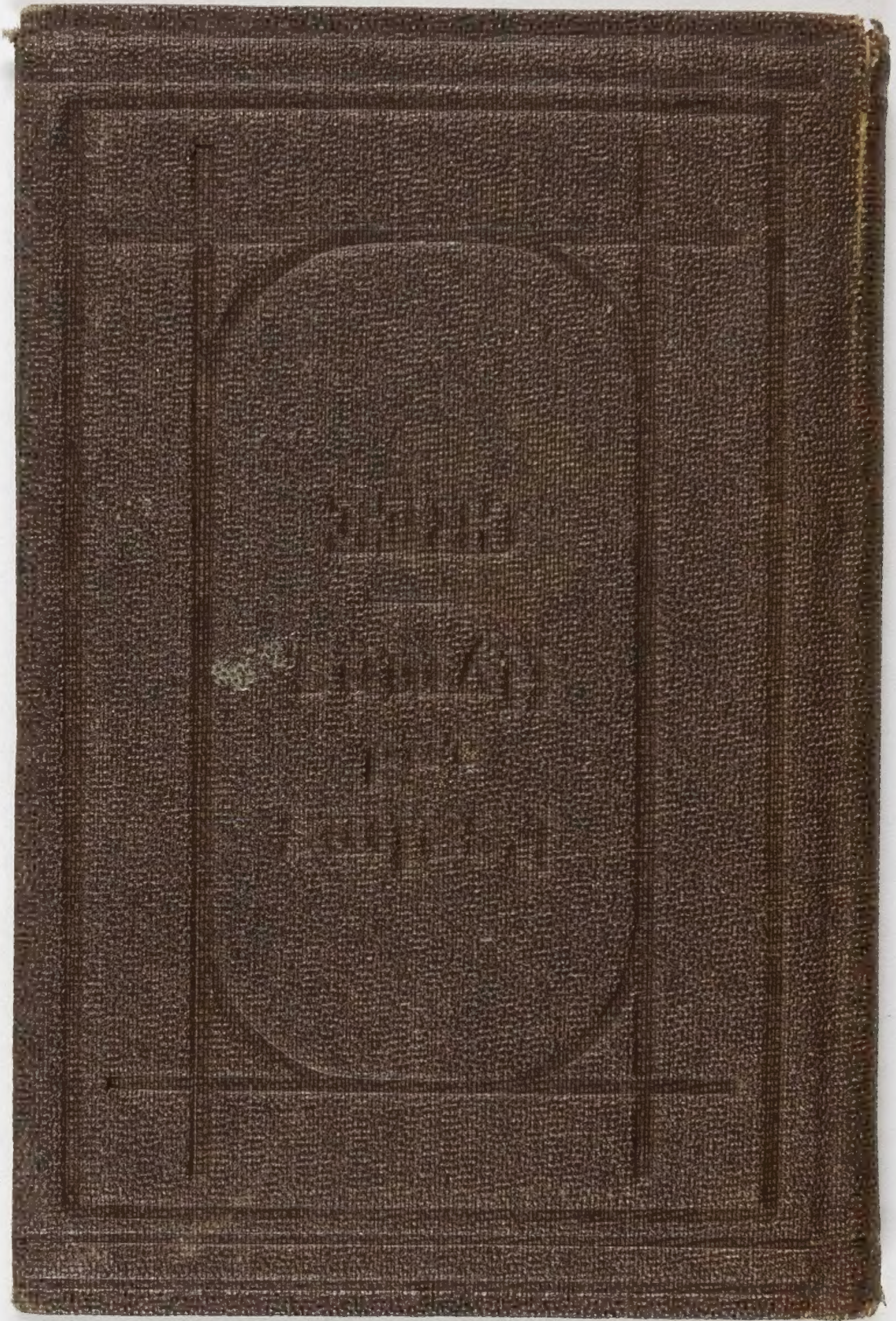


With Compliments of

SHELDON JACKSON,

United States General Agent

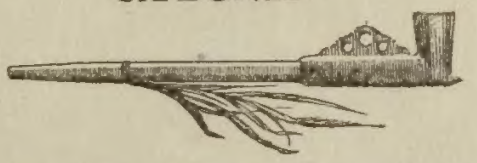
of Education in Alaska.

B 5 5 Cards

GUACANAGARI
MONTEZUMA
GUATIMOTZIN
POWHATAN
POCAHONTAS
SAMOSET
MASSASOIT
KING PHILIP
UNCAS
TEDYUSKUNG

PONTIAC
CAPTAIN PIPE
LOGAN
CORNPLANTER
JOSEPH BRANT
RED JACKET
LITTLE TURTLE
TECUMSEH
OSCEOLA
SEQUOYA
SHABONEE

BLACK HAWK
KEOKUK
SACAGAWEA
BENITO JUAREZ
MANGUS
COLORADAS
LITTLE CROW
SITTING BULL
CHIEF JOSEPH
GERONIMO



TO PERPETUATE THE HISTORY AND DEVELOPMENT OF THE PEOPLE REPRESENTED BY THE ABOVE CHIEFS AND WISE MEN THIS COLLECTION HAS BEEN GATHERED BY THEIR FRIEND

EDWARD EVERETT AYER

AND PRESENTED BY HIM TO

THE NEWBERRY LIBRARY

1911

421.
C574 (R)
M,
1877

JCP

ᐊᔨᒥᐦᐊᐃᐧᐣ ᓂᑲᓇᐤ

Psalms and Hymns

IN THE LANGUAGE

OF THE

CREE INDIANS

OF NORTH-WEST AMERICA.

COMPILED BY THE

REV. J. A. MACKAY,

C.M.S. MISSIONARY.

SANCTIONED BY THE

BISHOP OF SASKATCHEWAN.

LONDON:

PRINTED BY THE

SOCIETY FOR PROMOTING CHRISTIAN

KNOWLEDGE, GREAT QUEEN STREET.

1877.

ALPHABET.

INITIALS.	SYLLABLES.				FINALS.
	ā	e	o	a	·
a	▽	△	▷	◁	° ow
w	▽·	△·	▷·	◁·	X Christ
p	⋁	⋀	>	<	' p
t	∪	∩	⊃	⊂	′ t
k	ϙ	ϼ	ԁ	ϭ	` k
ch	ϩ	ϩ	ϳ	ϲ	¯ h
m	⅂	⅂	⅃	⅃	ᶜ m
n	ϙ	ϭ	ϭ	ϙ	ᵓ n
s	ϛ	ϛ	ϛ	ϛ	ᵔ s
y	ϛ	ϛ	ϛ	ϛ	⩾ r
					⩽ l

The dot over any syllable lengthens the vowel sound.

THE NEWBERRY LIBRARY

σbJΔ· Lᓯᓀ"Δbᐳ

1. ϥPϟᐸ σbJᐳ

1 ძᐢძᐢbᑊ ∇b·σ′ ᐊ"ᐩᑊˣ
Pᑊ ᐊᐳᐢϥΔ·ᐳ ᐅՈᓀ
ᐸPՈᓀ P"ՈᒥΔ·ᐳ
ϥPϟᐸ ᐊᓗᒥ"ᐊᑲ

2 ᑦV· P ᓀᓭᐢძᒥՈᐳ
ᑲ P" bᓀ∇·ᐅᒥᓗᐳ
ᐱᑕσ P" ᐊ·σᐢbᑊᓗᐳ
ᐱᐩLՈᓯΔ·σˣ Δᓯ

3 ᐅ ᐁ ᑎᐯᓕᐣᑭᕆᓴᐅ
ᐁᐧᐱᓀ ᓂ ᒪᑭᐣᑎᐃᐧᐠ
ᓂᑊ ᐊᐣᐁᐣᐦᐢ ᐸᑭᑎᓀ
ᒥᔪ ᒥᑐᓱᓕᐣᑭᑲᐅ

4 ᐅᔩᓕᐣᑕ ᐁ ᑭᓯᑲᑊ
ᕆ ᑐᑕᒧᐅ ᕆ ᐃᑌᐧᓴᐅ
ᐃᓕᐦᐢ ᐁ ᑲᓀᑭᐣᑕᒧᓴᐅ
ᑭᑕ ᐃᐧᐣ ᑲᕆᐧ ᑐᑕᒧᐅ

5 ᒪᒥᐣᑭᒥᕽ ᑭᔩᒪᑐᑐ
ᑕᐣ ᐊᓀᑭᕽ ᐁ ᐊᓴᔩᔩᑊ
ᑭᔩᐊᓵᐧᐠ ᒥᓀ ᐃᓀᐱᒥᕽ
ᒪᒥᐣᑭᒥᕽ ᑭᔩᒪᑐᑐ

---

2. ᕆᑭᔩᕐ ᓂᑲᒪᐅ

1 ᑭ ᑭᐣ ᑲᓀᐁᐧᓕᒥᓀᐅ
ᐁ ᖃᒉᐧ ᑎᐱᓀᑊ

ᑭ ᐃᓕᑦ ᓇᓂᔪᓂᒥᑎᓂᓐᓄᑦ
ᒥᓇ ᐁ ᐊᑦᓴᐅᑦ

2 ᐊᓄᑦᑕ ᒥᓇ ᖃ ᑭᓯᑲᑦ
ᑲᓇᐁᓕᓯᒥᓂᓐᓄᑦ
ᒪᖃᒧᒪ ᒥᔪ ᐊᑦᓴᐊᓕᑦ
ᑦᑲ ᐱᒧᒪᑦᑕᐊᒪᑦ

3 ᓂ ᑲ ᑲᖃᓕ ᓄᑎᑦᑕᓂᓐᓄᑦ
ᐁ ᑎᐯᓕᓯᒥᓴᙵ
ᑭᑕ ᐊᑦᓴᑦᑎᑎᓕᐁᓕᙵ
ᓂᑦᓴᓗᐁᓕᓕ

4 ᑭ ᑲ ᐃᓕ ᐊᑐᖏᑲᑎᓂᓐᓄᑦ
ᐯᒧᒪᑦᑎᐃᐁᓕᓴᑐ
ᱱᓕᖏ ᑭᑕ ᐊᑦᓴᒥᑕᙵ
ᐃᖏᐱᒪᙵ ᑭᓗᑯᙵ

---

3. ᐅᒋᑯᓯ ᓂᑲᒧᐃᐧ

1 ᒋᐯᐧ ᑭ ᓀᓇᖏᑎᒥᑎᑦ
ᐁ ᑭᐣ ᐊᐧᖏᑌᓀᒪᐃᐧᓴᑦ
ᐃᒪᒪᐃᐧ ᕿᐣᓴᓂᐃᐧᓴᑦ
ᕿᐅᐱᐦ ᑲᓀᐁᐧᓂᒥᑦ

2 ᓂ ᐊᐧᓂᑐᑕᒧᐃᐧᓀ
ᑲᐣᑭᓴᓂᐤ ᐊᔪᓀᒪᐃᐧᓵ
ᑭᑦ ᑲᐅᑎᒋᓂᐣᑦᑕᒧᑦ
ᐁ ᐊᑎ ᓀᐣᐃᓯᓂᐅᑦ

3 ᒧᐸᑦ ᑭᖏᓄᐣᐊᒪᐃᐧᓵ
ᕿ ᐃᓯ ᐱᐅᑎᓯᓂᐅᑦ
ᐁᑲ ᐅᒃ ᑭ ᑯᖏᑦᒪᑦ
ᓂᐱᐃᐧᓵ ᐅᑎᐣᑦᒪᓐᓄ

4 ᐋᑊ ᓂᓯ ᐊᐣᓂᕽ ᑲᓀᐁᐧᓂᑦ
ᑭᑦ ᑭᐣ ᒪᓱ ᓂᑦᓂᐅᑦ

ᒥᓐ ᑫ ᐊᑐᓂᖅᐊᑦᓂ
ᑭᑕ ᒥᔪ ᐊᑐᕆᑫᓴᑐ
5 ᐁᖅ ᓱᕆᑭᐳᖅᑎᒋᔭᓂ
ᑫᓴᐱᒃ ᖅᓐᐁᑐᓱᒥᑐ
ᐱᑯ ᑫᖅ: ᐁ ᒥᓴᑦᓯᑦ
ᑭᑕ ᒥᑐᓂᓱᐳᑕᒪᑐ
6 ᒪᒥᐳᑭᒥˣ ᐁᑦᔪᐳᑕᐃᓗˣ
ᒥᓐ ᑭᓴᕆ ᐁᑦᑯᓯᓯˣ
ᒥᓐ ᖅᓐᑎᓂᓯᑦ ᐊᐳᓰˣ
ᐃᒪᒪᐃᑦ ᐱᔭᑦ ᒪᓂᑐ

---

4. ᐅᑕᑯᓯ ᓂᖅᒧᑦ

1 ᑭᔭ ᐅᐱᐃᒪᐳᐃᐁᑦᓂ
ᐁᑦ ᐱᓯᒧᒥᑦ ᓂᑦ ᐊᐳᓰˣ
ᐁᖅᐃᓐᔭ ᐅᒪ ᐊᓕᑮ
ᓂ ᖅ ᐊᖅᐊᑦᓕᑌᓕᖅᑯᑐ

2 ᐊᑎ ᓄᓇᕗᑦᑐᓕᒃᓴᓂᖅ
ᐅᒪᓂᕐ ᑲ ᐃᓕ ᑭᓇᓚᐅᔪ
ᐁ ᐃᓚ ᒥᔪᓕᓂᐊᕆᑲᓕᓐᓄ
ᑭ ᑲᓇᐁᓕᓄᒥᐁᓕᓐᓄᔪ

3 ᐃᓕᑐᐃᓕᓴᔪ ᐁ ᑭᓚᑲᑦ
ᑭᓴ ᑲ ᐱᒧᒪᕆᐃᓴᓐᓄ
ᐃᓕᑐᐃᓕᓴᔪ ᐁ ᑎᐱᓇᑲᑦ
ᑭᓴ ᑲ ᐊᓇᐅᓄᓕᒫᓴᓐᓄ

4 ᓴᓚᓴᔪ ᔪᓇᔪᓇᑲᓕᕆᕐᓀ
ᒪᔪᔭᓇ ᒥᓇ ᐊᑕᕐᓀᓴᓐᓄ
ᐱᓄᓇ ᑭᑕ ᐅᑎᕆᑕᒪᓐᓄ
ᒥᔪᓇᓄᓕᒫᔪᓐ ᐃᓇᐱᒥᓐᓄ

---

5. ᐅᑦᔨᓚ ᓂᑲᓕᔪ

1 ᑭ ᑭᕆ ᑲᓇᐁᓕᓄᒥᓴᔪ
ᐅᒪᓂ ᑲ ᑭᕆ ᑭᓚᑲᑦ

ᒥᓇ ᑲᓇᐁᔨᒥᓂᔪᒃ

ᐁ ᐊᑎᑎ ᓇᐩᐃᓱᓂᔪˣ

ᑭᓴᐢ ᑲ ᐱᐃᒪᐩᐃᑦᔨˣ

ᑭ ᐃᓕ· ᐅᑭᐩᐃᑎᓂᔪᒃ

2 ᐅᑕ ᓂ ᐱᒧᑌᐩᐅᓂᔪᒃ

ᒣᑲ·ᒻ ᐸᐢᐱᓐᓴᐃ·ᓂˣ

ᑲᐩᑭᔨᓄ ᐱᐃᒪᐩᐃᓂᔪᒃ

ᐁ ᒪᒥᓱᑕᑦᑦˣ

ᓂᐱᐃᓕ ᐅᑎᐩᑕᒪᐩᑫ

ᑭᑕ ᑭᐩ ᐃ·ᑫᐃ·ᑦˣ

---

6. ᐅᑦᑯᓱ ᓂᑲᒧᑦ

1 ᐃ·ᑫᐃ·ᑐ ᑭᓱᐢᑲ ᐅᑦᑯᓱᑐ

ᐊᑎ ᑎᐱᐢᑲᓄ ᑭᓴᐢ ᐃ·ᑫᐃ·ᑐ

ᐃᐢᐱ ᑯᑕᑲᑊ ᓀᑲᓱᑕ·∇·

ᓂᔨᑦᒪᕐᓕᑦ ᐯ ᐃ·ᑫᐃ·ᑐ

2 ᒣᐦᑭᐸᓕᓂᐤ ᓂ ᐱᐃᒪᑎᓯᐅᓐ
ᒥᓀ ᐊᐢᑭᐅᓐ· ᒥᔪᓐᓕᒧᐅᓐ
ᓀᒪ ᑫᑲ: ᐊᐢᑭᙽ ᑫᐦᑭᓯᓀᑦ
ᑲ ᒪᐢᑲᐅᓐᓯᓴᑦ ᐯ ᐅᓐᑫᐅᓐ
3 ᒧᐠᑦ ᑭ ᑭᐦ ᑭᑎᐃᒡᑫᓕᒥᑦ
ᐁ ᐊᑦ ᑭᐦ ᐯ ᒪᒐᓕᐅᓐᓴᑦ
ᑭᓴ ᓀᒪ ᐅᓐᐦᑲᐢ ᑭ ᐁᓐᐱᓂᑦ
ᐅᐣᑲᓐᓴᓂᙽ ᐅᐣᔨ ᐯ ᐅᓐᑫᐅᓐ
4 ᑕᐦᑭ ᐱᔨ ᑭᑦ ᐅᓐᑫᐅᓐᓴᑦ
ᑭᓴ ᑲ ᐃᔨᐦᐊᐟ ᒪᑎ ᐊᓴ
ᐊᐁᓐᓀ ᔨᑦᑦ ᑫ ᑭᐦ ᐅᓐᑭᐦᐅᐟ
ᐱᔨ ᐅᑦ ᑭᐃᓴᑦ ᐯ ᐅᓐᑫᐅᓐ
5 ᐅᐣᑲᓐᓴᓂᙽ ᐸᐋᑲᓐᐱᐃᓴᓂ
ᑭᓴ ᑲ ᑭᐦ ᓂᐳᐣᑕᒪᐅᓐᓴᑦ
ᑕᐅᓐ ᓀᒪᐅᓐᑦ ᐱᐃᒪᑎᓯᐅᓐ
ᓂᐳᐅᓐᓂᙽ ᐯ ᐃᐳ ᐅᓐᑫᐅᓐ

7. ᓂᒃᓗᑐ

1 ᖃᒃᓇᐊᑉᐸᑦᑕᒪᓐᓄ
ᐃᑕ ᒃ ᓄᑦ ᑎᓪᓗᓪᒃᑎᑦᓴ
ᓂᐟ ᐊᓴᓐᓂᑐ (ᑦᑦ) ᖃᒃ:
ᐊᓕᐊᑉᑦ ᓂᐟ ᐃᑌᓕᑦᑌᑦ

2 ᓇᒪ ᖃᒃ: ᓂ ᒪᒥᓗᑐ
X ᐱᑯ ᑲ ᐱᒧᒪᑦᑦᐃᐟ
(ᑦᑦ) ᑲ ᓄ ᓴᓄᑦᖅᓱᓐᑐ
ᓂ ᒃ <ᓄᑎᓇᓪᒪᐊᑉᓵ

3 ᑎᓴ ᐅ ᓵᑎᑲ·ᓂˣ ᐅ ᑎᑦᑎˣ
ᓄᑦ ᐅᑦᖅᓗᓴᒃᐊᑉ·ᓂᓕᓵ
ᐅ ᒥᑦᑯ ᐁ <ᓵᓄᑲᓐᖃᐟ
ᐁᓵᐱᑦᑎ ᓄᓴᐊᑉ·ᑎᓗᐟ

4 ᒃᑦᓄᓐᓵ ᖃᒃ: ᐊᑲᑲᓐᑐ
<ᓄᑎᓇᒪᐊᑉ·ᑦ ᐃᒃ

ᑲᑕ ᓄᑦᑌᐸᓪᓪᐸᐳ
ᐁᔨᐱᑦᑭ ᑭᓴᐊᓕᑎᓯᐣ

---

8. ᓂᑲᒪᔪ

1 ᐃᑕ ᓂᓯ ᐊᑦᐳ ᓂᔨᔭ
ᒥᐅᐊᓕᑭᑦᐃᔪᒋᓕᐃᓕ
ᐁ ᐊᐅᐅᑲᓗᒥᑦᑭᓱ
ᐅᐟ ᐊᓴᒥᑦᑦᐊᐃᓕᓂᐊᓕᓄ

2 ᐁᑯᑕ ᕿ ᑭᑦ ᐊᐅᐅᓴᔪ
ᐃᑌᓄ ᐅᐱᒋᒪᑦᐃᐁᓕᓄ
ᑭᑕ ᕐᔨᑭᓇᒪᐊᓕᑭᓱ
ᒋᐯᓄ ᑭᓴᐊᓕᑎᓯᐃᓕᔪ

3 ᑭᐟ ᐃᑕᓯᐁᓕᓕᔪ ᐅᒪ
ᓂ ᒋᒪᒪᐊᓕᐱᑦᐃᑯᓀᔪ
ᐯ ᐃᑎᓴᑦᐊᒪᒪᐃᓕᓀᔪ
ᑭᐟ ᐊᑦᑭᓵˣ ᐃᔨᐱᒪˣ ᐅᑦᑭ

9. ᓂᒃᓗᐊᖅ

1 ᓚᖏᒻᒪᓕ ᑭᐅᓂ ᑭᙳ ᒥᙳᑯᐃᓐᓇ
ᓄᐱᐃᒪᙳᐃᐅᓐᓂ
ᓂᔪ ᐅᙳᕈ ᓚᓂᔪᓯᕽ
ᐅᓯᓀᑯᓯᓕᖅ

2 ᓂ ᓚᐃᑎᓯᐃᓐᓀ ᕈ
ᑲ ᑭᙳ ᓂᐸᙳᐃᑯᓴ
ᓚᖏᒻᒪᓕ ᑭᓴᐊᓐᑎᓯᐃᓐᓄ
ᑭᐅᓂ ᐃᓴ ᒥᑦᓇᓂ

3 ᑭᓯᓭᓐ ᐱᓯᑦ ᑭᙳ ᑲᓯᓴ
ᓚᓂᑐ ᓄᐸᙳᐃᙳᓴ
ᐊᓕᓯᓕᓂᐊᓐ ᐅᙳᕈ
ᐅ ᓚᐃᑎᓂᓯᓕᓴ

4 ᓂ ᑲ ᓀᓄᐯᐃᓐᙳᐃᑯᓕ
ᓂ ᓚᒥᙳᑎᐃᓐᓀ

ᐁ ᐃᒪᒋᑐᓂᕆᐊᓕᒍ ·
ᐄ ᑭᐣ ᑐᑕᒪᐃᓵ·

5 ᐃᒃ ᓇᒪᐃᓵᔪ ᓂ ᒃ
ᑭᐣ ᑎᕐᐣᐁᑐ ᑦᐯ·
ᐁᒃ· ᓂ ᕿᑭᑎᓂᓗᑐ
ᐅ ᑭᓴᑦ ᐅᑎᓂᑐ

---

10. ᓂᒃᒪᑐ

1 ᐅᒪ ᐱᐃᒪᑎᓗᐃᓵ
ᐃ·ᕿᒻ ᖃᐣᑭᕿᓕᓂ
ᐱᑐᑦ ᐃᑕ ᐃᐣᑕᒃᓵ
ᐄᑭᑫ ᐄ ᐊᐅᔪᑦ

2 ᑦᐯ· ᐃᒃ ᑭᐃᓗᑐ
ᐃᑕ ᐄ ᐊᓂᒥᒪˣ
ᒥᑦᑯᒻ ᒥᔪᓱᓂᒧᐃᓵ
ᐄᑭᑫ ᐁ ᐊᐅᔪᑦ

3 ᐁᓕᒃᑯᓐᓂᓕᒫᑦ
ᑭᑕ ᐅᑎᖅᑕᒪˣ
ᐅᒪ ᑭᖅᓯᓕᐅᓪᐅᓐ
ᐁᓗ ᐁᖃᓗᓪᓚᓕᓐ

4 ᐊᓂᒃᓴ ᑭᓱ ᐊᑐᖃᓗᓇᓄ
ᑭ ᓴᐃᓚᓪᓚᖅᑎᓇᓄ
ᐃᒪᓗ ᑭᖅᑯᓕᕆᖅᑕᒫᑦ
ᓗ ᐅᑎᖅᑌᓰᓇᓄ

5 ᐊᓂᒃᓴ ᐊᓪᓂᑎᐱᖃᓗᓄ
ᓇᒪ ᕿᓗ : ᓂᓗᓐ
ᐃᒪᓗ ᐯᔭᓪᓕᖅᑕᓗᓐ
ᐃᑕ ᑭᑕ ᐊᓚᓪᓚˣ

6 ᐃᑕ ᕿ ᐊᓚᓪᓚᐃᒪᔭˣ
ᑭ ᒪᓂᑐᒥᓇᓄ
ᐅ ᐊᓚᔭᔪᓕᐃᓪᓂˣ
ᑕ ᒥᔭᓪᓕᓕᔭˣ

11. ᓂᒃᓱᓐ

1 ᑭᓴᒪᓐᓃ ᐅᓗ ᐊᐦᑐᐦᑲᓄ·
ᓀ ᐃ· ᑭᐦᐃᑯᓴᕐᕿ
ᑭᑕ ᑭᐦ ᓂᓯᓐᐦᑕᒪᕿ
ᒥᓪ ᐋᑭᒪᒧᐃᓐ

2 ᐃᓵᐱᒥᕿ ᓀ ᐅᐦᑎᓇᒪᕿ
ᐅᒪ ᑭᐦᑭ ᐋᑭ·ᓵᑌᓄ
ᒥᓇ ᑭᐦᑭ ᐋᑭᒪᒧᐃᓐ
ᓀ ᐋᑭ·ᓵᑌᓇᐃᒪᑕᕿ

3 ᐅ ᑭᓵᑭᓄᐦᐊᐃᒪᑯᓴᕿ
ᑭᑕ ᓱᐸ·ᐦᐦᑲᓴᕿ
ᒥᓇ ᐁᐅ ᒪᒋᐦᐦᑎᐃᓐ
ᑭᑕ ᐃᐦᑐᑕᒪᕿ

4 ᐅᒪ ᐅ ᑭᐦ ᐯᑦ·ᑯᓴᕿ
ᒥᓪ ᐃᓱᐦᑦ·ᐃᓐ

ᐊᑲ ᑭᐣᐣ ᑭᓯᐣᑕᒪᓂᔪᓕᕐᓂᖅ
ᐅᐱᒪᒋᑭᐣᐃᐅᐦᐊ·ᓄ
5 ᐅ ᕿᖏᑭᓱᐣᐊᒋᒪᕿᔪᓐ
ᑲᓇᐊ·ᐸᒥᓇᓐ
ᑭᓴ ᐊᔪᒥᐃ·ᓐ ᒥᑐᓂ
ᒥ ᓂᓯᑐᐣᑕᒪᙵ

---

12. ᓂᑲᒧᑐ

1 ᑦᐯ· ᐁ ᑭᐣ ᐅᓱᑭᐣᐃᑕᙵ
ᑭᔭᖏ ᐊᑲ ᑭᐣ ᐅᐣᒥ ᓂᐱᓴ
ᐃᒪᐣᑎ ᐁᑲ· ᑭ ᑌᐣᐃᓇᙵ
ᐅᐣᒥ ᓂᑲᒧᖏᑕᐊᓲᑦᓴ
2 ᑦᐯ· ᑭᐣ ᐃ·ᓴᑭᖏᑕᐊᓲ·ᓄ
ᑲᐣᑭᔪᓄ ᑭᓄᓇᓄ ᐅᐣᒥ
ᐁ ᐃ·ᐣ ᐱᒋᒪᐣᐃᔪᓕᕐᓂᖅ
ᒪᑎᑎᓯᐃ·ᓂᙵ ᐅᐣᒥ

3 ᑭ ᑭᑦᑐᐃ·ᓇᒪᑯᓇᓂ
ᑭᑦᑭ ᑭᓯᑯ ᐃᒋᒃ·ᑦᑌᑦ
ᑲᑭᕗᑭ ᒥᓇ ᑲᑭᑫ
ᒪᒥᑦᑭᒥᑯᐃᓗ ᐊᐅᓂ

4 ᒋᐯ· ᑭᑦ ᐃ·ᓴᑭᑦᐅ X
ᐁ ᐃ·ᑦ ᐱᒪᑭᑦᒋᓯ ᐊᒋᑭ
ᐃᒪᑦᑎ ᐃᒃᑲ ᐁᒃ· ᒋᐯ·
ᒪᒥᑦᑭᐃᒪᓵ ᑲᑭᑫ

---

13. ᓂᒃᒧᑉ

1 ᖃᕆᐅᓴᕿᐁᓵ ᐃᒋᐱᒥᕽ
ᑲ ᒥᔪ·ᓕᑦᒋᒃ·ˣ
ᖃᑐᓂᓕᑦᒋᐃᒪᓂ
ᓴᒃᑯᒋᓂᐤ ᓂ ᑌᑦ
ᓇᒪ ᓂ ᑭᒋᖃᓕᑦᑌᑐ
ᒥᔪ·ᓕᒧᒪᐃ·ᓇ

ᒥᓀ ᑭᐦᐃᓕᓂᐊᓚᐊᓐ
ᐅ ᐊᑦᓴᖏᑦᑐᓐ

2 ᓂᐸᐊᓚᐊᑦ ᐃᓴᓗᓂˣ
ᐁ ᓀᓂᒃᒪᒧᑦ
ᐊᑦᓴᖏᒪᓱᑦ ᐁᓐᑭᕕᐊᑦ
ᐅᐦᑭᓀᒋᒃᓀᑦ
ᐅ ᑎᐯᓂᒥᑭᑦ
ᑭᓯᒃᓀᐃᒪᒃᑦ
ᐅᐟ ᐃᐦᒋᐊᓚᓂᐊᑦᐊᑦ
ᒥᔅᓱᓂᓂᓂᐊᑦ

3 ᐁᑯᑕ ᓀᒪᐃᓚᔅ
ᖃᒃ : ᐊᑦᓰᐦᐃᐃᐁᓚ
ᐯᐦᒋᒃᓐ ᓂᒃᒧᐃᐊᓐ
ᒋᐯᑦ ᒣᓂᐦᒋᒃˣ
ᑕᐦᐅ ᐅ ᐴᑯᐦᒋᑦᑭᑦ
ᐁᑯᑕ ᐅᑭᖃ

ᐁᑲᐧ ᐊᐩᐱᐟᑭᐦᐅᐊᐤᐧ
ᒥᔪᐧᓂᒧᐃᐧᓂˣ

---

14. ᓂᑲᒧᐃᐧᐣ

1 ᓂ ᒪᐊᐧᑭᐦᐃᐱᐣᓀᐢᐣ
ᑭ ᐃᐧᐦᔨᐃᐧᓂˣ ᑭᔪᐟ
ᐯ ᐃᐱᐦᑌ ᐢᐊᐧᓂˣ
ᑕ ᓄᑯᐦᐅᔭᐣ ᐅᑕ

2 ᒥᓂᓀᐣ ᓂ ᑌᐦᐃᓀˣ
ᐯᔭᐦᑕᑫᓂᒧᐃᐧᐣ
ᑲᓀᑭᐦᑕᒪᐃᐧᓀᐣ
ᑲᑭᑫ ᑕ ᐊᐩᐟᑌᑭ

3 ᑭᐢᔭᐧ ᐃᑕᑭᒥᓀᐣ
ᑭᑕ ᑭᐦ ᓀᑭᐟᑲᐢˣ
ᒪᒪᐦᐢᑯᔨᐃᐧᓂˣ
ᒪᓂᐱ ᐊᐩᐟᑌᐃᐧᓂˣ

---

15. ᓂᒃᓗᓐ

1 ᐊᑦᑦ ᒥᔪᓯᓯᒋᑦ
ᐃᓴᓐᓂˣ ᐅᐃᓕᒋᑦ
ᐯᑦᐊᑦᑦ ᐱᒪᒋᑦᐅᐃᓐᓄ
ᒥᓇ ᒥᔭᑦᓂᒍᐃᓐᓄ

2 ᒥᔪᑦᑦᑎᑯᓯᐊᑦᑦ
ᐅ ᐃᓐᑦᑕᒪᕿᒋᑦ
ᐃᓴᓄ ᑲᓇᐊᑦᔨᑕ ᑭᓴᑎ
ᑌᐯᓂᑦᑕˣ ᐅᑕ

3 ᒥᔭᑦᓂᑦᑦᑎᒃᑦᓇᑦ
ᑭᑦ ᑕᐊᑦᑲᓇᐊᑦ
ᐅ ᓇᓄᑦᑕᒍᒪᒃᑦᑭ
ᐱᒪᒋᑦᐅᐃᓐᓇ

4 ᓴᐅᑦᓂᑦᑦᑎᒃᑦᓇᑦ
ᑭ ᓯᑭᓯᑯᓇᐊᑦ

ᐁ ᐊᐧᐦᑕᑦᑕᒧᒪᒃᑲᑦᑭ
ᐊᐩᐢᑌᓂ ᐃᑕ ᐁᐅᓴᐦ
5 ᒪᓂᑐ ᓄᐧᑦᑦᒋᓂ
ᐅ ᒪᐢᒃᐃᐧᓭᐃᐧᓕ
ᒥᓇ ᒃᑦᑭᔅᓂ ᐊᐃᐧᓴ
ᐁ ᐃᐧ ᐱᐃᒪᑦᑦᐊᐟ

---

16. ᓂᒃᒧᑉ

1 ᐄᒪᒪᐃᐧ ᑭᐢᑕᑭᑦᑕᑦᑦᒋᐦ
ᑭᓴᐢ ᐅ ᐃᐧᑦᓭᐃᐧᓕ
ᒃᑫᐧ ᑭᐢᑌᔅᑦᑦᒋᑯᑦᑦᐃˣ
ᒋ ᑎᐯᔅᑦᑭᑫᐟ
2 ᐊᓂᑭ ᐯᐄᒪᑦᑦᐃᑦᑦᑭᐦ
ᓇᐢᑫᐧᐧᑦᐊᐄᒪᑐᐊᐧᐦ
ᑭᒋ ᓂᒃᒧᑉᐢᑕᐊᐧᑭᐦ
ᑌᐯᔅᒥᑯᑭᐦ

3 ᑭᓴᐃ·ᓂ ᐊᓕᑭᐠ ᐅᐃᓴᔪᖅ
ᓴᐅ·ᓄᒥᓂᔪᖅ
ᑭ ᑭᐦᐦ ᐱᒧᒪᐦᐦᐃᓂᐃ·ᓂ
ᐁ ᑎᐯᓄᐦᐦᒪᕐᓂ
4 ᑭᓴᐃ·ᓂ ᐁ ᒥᓄᔪᖅ
ᐅᓗ ᐊᓴᒥᐦᐦᐃᐃᐃ·ᔅ
ᒪᔪᖅ ᑭᓐᑌᓄᒥᕐ ᑭᓴᓐ
ᐁ ᑎᐯᓄᐦᐦᒪᕐᓂ
5 ᐅ ᑲᐦᑭᓴᓂ ᐃᓄᓂᐃ·ᖅ
ᐊᓐᑭᕐ ᐁ ᐊᐃᓴᑭᖅ
ᑲᑕ ᓂᑲᒧᓐᑕᐅ·ᐊ·ᖅ
ᑌᐯᓄᒥᓂᑭᖅ

---

17. ᓂᑲᒧᔅ

1 ᐅᓐᐱᐦᐦᓕ ᐁᑭᐦᐦᔨᓯᖅ ᐊᓐᑭ
ᐁ ᑎᐯᓄᐦᐦᒪᕐᓂ

ᐅ ᑯᓯᓴ ᐸᑭᑎᓂᓄ
ᑭᒋ ᓂᐸᑦᐃᒥᑦᑦᓱ
2 ᐊᐃᐦᔭ ᐁ ᒋᐯᐦᑦᒋᑯᓱ
ᐁᑲ ᒋ ᓂᐱᐟᓱ
· ᑲᑭᕿ ᐱᒧᑎᓯᐃᓕᓵ
ᒋ ᐅᑎᑦᑕᒥᓱ
3 ᒋᐯᐦ ᑭᑦ ᑭᓴᐊᐦᑎᓯᓄ
ᑲ ᓴᑭᑦᐃᑯᔭˣ
ᑭ ᑭᑦ ᐱᒧᑭᑦᐃᑯᓀᓄ
ᐁᑲᐦ ᒪᒥᑦᑭᒥˣ

---

18. ᓂᑲᒧᑉ

1 ᐃᐦᒋ ᓂᑲᒧᒧᒪᒋᓂᓵ
ᐃᖏᐱᒥˣ ᐁᔭᑭᓵ
ᒋᐯᐦ ᐅᔨᕿᔭᑎᐃᐦᓵ
ᐁ ᒥᔪᐦᓱᒧᑭᓵ

2 ᑲᓕᑎᒋᓂ ᑲ ᑭᑦ ᓂᐸᑦᐃᑦ
ᐃᓱ ᓂᑲᒧᐊᐧᑊ
ᑭᑕ ᑭᓚᐳᑦᒋᑯᑦᐃᑦ
ᐁ ᓂᐅᓕᒡᐧ
3 ᑭᓴᓕ ᑭᑦ ᑲᓕᑎᒋᑕᒪᓱ
ᑭᓚᐳᒥᑯᐃᓐᓄ
ᒥᓇ ᑎᐯᐳᑦᑭᕐᐊᓐᓄ
ᒧᓴᑊ ᑭᑕ ᐊᐁᐧ
4 ᑲᑦᑭᔅᓂ ᐁ ᑭᑦ ᐅᓱᑦᐊᑊ
ᑕ ᐃᓐ ᑭᓕᑭᒥᑊ
ᑭ ᒪᓂᑐᒥᓇᓂ ᒥᓇ
ᐅ ᓂᐅᓕᒡᐧᑕᕐᓂ

---

19. ᓂᑲᒧᑐ

1 ᐅ ᒋᐯᐧ ᐁ ᒥᓵᑦᒋᑲᓐᕽ
ᑭᑦᑭ ᐊᐢᒥᒧᐃᓐᓄ

ᑭ ᐱᐃᒪᑎᓯᒋᑲᑯᓀᑐ
ᐁᓯ ᐊᕐᓂᑦᐅᓴᕐᔪ

2 ᓂᓯᐊᕐᓀᒥᑦᐅᐃᕐᓂᔪ
ᐁ ᓀᓄᑯᓯᓴᕐᔪ
ᐃᒃᑲ ᑭᓴᐋᕐᑎᓯᐃᕐᑐ
ᕿ ᐅᑦᒥ ᐸᒋᐱᓴᕐᔪ

3 ᐱᐃᒥᑦᐅᐃᕐᑐ ᐯᑦᑕᒃᑐ
ᒥᓴᑲᒃᒣ ᐊᒋᑭᔪ
ᑕᑦᑐ ᑭᓯᑯᔪ ᐁᐅᓴᒧ
ᐁ ᐊᕐᐃᕐᒥᑦᑕᒧ

---

20. ᓂᒃᓗᑉ

1 ᒪᒋᓱ ᐯᒥ ᓄᑯᓯᓂ ᐊᕐᒋᑯᔪ
ᑲ ᑭᑦ ᓂᐳᒋᑕᐃᖏᓱ
ᒥᑦᖏᓱ ᐅᒃᓵᒥᑦᐅᐊᕐ
ᐯ ᐃᕐᖏᐁᕐᓂ ᐊᓯᒥ

ᒪᒥᐣᑭᒥˣ

ᒪᒥᐣᑭᒥˣ ᐃ ᐅᒣᑐ

2 ᑲᐣᑭᓴᓂᐤ ᑲᓇᐊᕐᕆᒧᑦ

ᑭᐣᐃᓗᐅᐃᓐ ᑭᑭᓂᑦ

ᕿᐣ ᑦᑲ ᒪᒣᐳᒪᒧᑦ

ᑦᑲ ᑭᐣ ᒧᓀᕿᐣᐊᓀᑲᕐᕆᒧᑦ

ᓴᑭᓗᐊᕐᑦ

ᑭᐣᒋᑦᑕ ᐅ ᐊᐠᕐᕆᐃᒧᑦ

3 ᒥᓂᓀᑎᑲᕐ ᐃᕐᓂᐯᑲᕐ

ᑭᓗᑦ ᓇᒪ ᕿ ᕿᑲᓐ

ᕿᐣ ᑦᑲ ᑭᐣ ᐸᑦᕐᕆᒧᑦ

ᐯᐣᕆᒪᕐᑦ ᐳᒋᕆᑲᓐ

ᐊᓀᕆᕆᑌᑦ

ᑯᓴᓗᐊᕐᑎᑯᐊᕐᓂ ᑦ

4 ᐱᐃᒪᐣᐅᐃᓐ ᑦᑲ ᐯᐣᕆˣ

ᐊᕐᐸᐣᕆᒧᒪᑦ ᐅ ᓄᑲᕐˣ

ᑲᑦᑭᓴᓂᐤ ᐯᒪᕈᑦᐃᑦᕈᑦ
ᑲᑕ ᓇᑭᔅᑲᐁᐦᐊᐦᑊ
ᒪᒥᑦᕈᒥᕽ
ᒪᓂᑐ ᑕ ᓄᑯᓗᐤ

---

21. ᓂᑲᒧᑉ

1 ᑲᑦᑭᓴᓂᐤ ᐊᔅᑭᕽ ᐁᑊᔾᔪᑊ
ᒪᒥᔾᐃᒋᐦᑎᑯᑦᑌᒧᑉ
ᑭᑕ ᓂᑲᒧᑉᔅᑕᐃᒋᐦᔪᑊ
ᐊᓇ ᑌᐯᐳᒥᑯᔾᕽ

2 ᐁᐊᐦᑯ ᑭᔭᒪᓂᑐ
ᐊᓇ ᐅ ᑭᑦᑊ ᐅᓗᑦᑦᐃᑕᕽ
ᒋᐯᐦ ᑭᐟ ᐊᔪᒥᑯᓇᓀᐤ
ᐁ ᑲᓇᐁᐦᐳᒥᑯᔾᕽ

3 ᐱᑦᑐᑫᑊ ᐅᐟ ᐃᔅᑲᐦᑦᑌᒥᕽ
ᑭᑕ ᓂᑲᒧᑉᔅᑕᐃᒋᐦᔪᑊ

ᓇᓵᒃᓂᒥˣ ᒪᒥᐱᒥˣ
ᑫ ᐃᓱ ᑐᑕᒧᓂᐳ
4 ᐃᓕᓴ ᑲ ᑎᐯᔨᐱᒥᑫᑦ
ᒥᓇ ᑲ ᓴᐁᓕᐱᒥᑫᑦ
ᐅᑦ ᐊᓱᑕᒪᑫᐃᓕᓇ
ᑲᑭᑫ ᑎᐱᐸᔨᐊᓕ

---

22. ᓂᑲᒧᑐ

1 ᑭᒃᑭᓄᑦᑕᑦᐃᑐ ᑭᑦᐅᐸ
ᐊᒃᑭˣ ᐁ ᐱᒧᑦᑌᓴᐳ
ᑭᓴ ᑲ ᒪᒃᑲᐃᓕᓱᓴᐳ
ᓂᓴ ᓂ ᓄᓱᐃᓕᓱᑐ
ᒥᒥᒥᓂᐳ
ᑭᑕ ᒪᒃᑲᐃᓕᓱᓵᓴᐳ
2 ᐸᒃ ᑭᑦᑌᓇᒪᐃᓕᐳ ᐁᑲᓕ
ᑭ ᐱᐃᒪᑦᑦᐃᐁᓕᓕᐳ

ᑭᓴ ᑲ ᐊᕆᒧᖏᓴᓕ
ᒪᓕᐦ ᓂᑲᓄᖅᑕᐃᓐ
ᐱᒧᒪᖅᐃᓕ
ᐃᓅᒃᑯ ᖃ ᑭᓐᕆᒧᑦᓴ
3 ᐃᓅᐱ ᐯᓕᓐᕿᖅᕆᒪᓄ
ᓂᐱᐃᓐᓕ ᑲ ᑯᓅᑕᒥᕽ
ᖃᓴᐱᒻ ᑲᓀᐁᓐᔨᒪᓕ
ᐁᑲ ᑭᕇ ᑯᓅᒧᓕ
ᒪᓕᐦ ᐃᒪᑲ
ᑭ ᑲ ᓀᐊᓅᑯᒪᑎᓕ

---

23. ᓂᑲᒪᓕ

1 ᑲᖅᑭᓴᓄ ᐅᒪᐃᑎᑎᓕᐦ
ᐃᑲ ᓂᓯᐊᓐᐊᑭᖅᐳᓕᐦ
ᑭᓯᐊᓐᐦ ᐯ ᐊᓕᑎᕽ ᑭᓕᓅ
ᐊᓀ ᑲ ᑭᖅ ᐃᓐᑕᑭᖅᒋᓯ

2 ᑭᓴᑦ ᐊᓇ ᑲ ᑭᐣ ᓂᐱᐟ
ᐅᒪᒐᑎᓯᐊᐧ ᐅᐣᑭ
ᐁ ᑎᐸᐣᐃᕿᑦᑕᒪᐊᓵᐟ
ᐅ ᒪᑭᐣᑎᐃᐧᓂᓗᐊᐧ

3 ᑭᐣ ᓂᐱᐤ ᑭᑕ ᑎᐸᐣᐊˣ
ᐊᓂᐣᐃ ᒪᑭᐣᑎᐃᐧᓇ
ᐁᑲ ᐃᐧᔨ ᑲ ᑭᐣ ᑐᑕˣ
ᐃᒃ ᐁ ᑭᔪᐊᓵᑎᓯᐟ

4 ᒪᒥᐣᑭᒪᑦᑐ ᐃ ᑲᕿᐧ
ᑲ ᐃᓯ ᐄᑭᐣᐃᑯᔨˣ
ᐁ ᐃᓯ ᐸᑭᑎᓂᓯᐟ
ᑭᑕ ᓂᐳᖏᐃᒪᑯᔨˣ

---

24. ᓂᑲᒧᐧ

1 ᑦᐯᐧ ᓴᐁᐧᓕᐣᑦᑕᑯᓯᐧᓂ
ᒣᓭ ᐊᔨᒥᐣᐊ

ᐊᓇ ᐅ ᒪᑭᐣᑎᐃᓕᓇ
ᐁ ᓴᓂᕆᐣᑕᒧᒪᐣ

2 ᐁ ᒪᒥᔪᑌᐣᐁᖏᑲᑯ
ᐅᐟ ᐊᖏᐯᕆᒧᐃᓐ
ᑭᓯᑯˣ ᒥᓇ ᐁ ᐅᐣᑭ
ᑲᕿᖏᓄᐣᑕᐣᐃᐣ

3 ᒥᓇ ᐁ ᑭᑎᒪᑭᓯᐟ
ᐃᓚᖏ ᒥᔭᓕᒧ
ᐁ ᐯᐦᔨᐸᒧᐟ ᑭᐦᐦ
ᒣᔪᑌᐣᐁᖏᑲᑯ

---

25. ᓂᑲᒧᑭ

1 ᐊᐁᓇ ᑭᓯᑯˣ ᐁᓵᐟ
ᐁ ᐊᖏᐯᕆᒧᑐᑕᐊᓵ
ᑭᐳ ᐱᑯ ᐅ ᒪᓂᑐ
ᐁ ᑭᑎᒪᑭᓇᐃᓐᐳᑐ

2 ᓇᒪᐃᓕᔭ ᒥᓇ ᑯᑦ
ᐊᓂᑭˣ ᓂᐟ ᐃᑲᑕᑌᓗᒧᓕᓂ
ᑭᑦ ᒪᒥᓱᔪᑦᐊᓕᑦ
ᑭᔾ ᐱᑯ ᑭᖅᐊᑎᑐᓂ

3 ᑦᐯᓕ ᐃᓴ ᑭᑲᓂ ᖃᑲ:
ᑭᑦ ᓇᑦ ᓂ ᒪᓂᔪᑦ
ᑭᑲᓂ ᑭᓱᑯˣ ᐁᑯᑌ
ᑦ ᒪᒥᑲᓂᒪᑦ ᑲᑭᖃ

4 ᓂ ᑲ ᒪᒥᓱᔪᑦᐊᓕᓕᓂ
ᖃ ᐃᓂᑯ ᐱᒧᑎᓱᓴᔪᑦ
ᐱᓗᓂ ᑭᑦ ᑭᑲ ᐅᑎᑲᑦ
ᑦᐯᓕ ᒥᔨᓕᓕᐃᓕᓂˣ

---

26. ᓂᑲᒧᔪ

1 ᒥᓂᑦᐃᐃᓕ ᑭᑲ ᔪᑦᑦ ᒥᓇ
ᑭᑲ ᑭᖅᐊᑎᑐᓱᓕᓂ

ᐊᓂᑦᐃ ᑭᓴᒪᓂᔪ

ᐅ ᓄᓯᓴ ᒥᓴᑦ

2 ᑭ ᑲᓪᑕᑭᓯ ᐃᓪᓂᓇᓂᐤ

ᐃᑉᐱᒥᕐ ᐅᑎᑦᑎᔨ

ᒥᓇ ᑭᓴᐊᓪᑎᓯᐃᓕᓪ

ᑭᑦ ᐯ ᐃᔨᑦᑕᑦᐃᔨ

3 ᐃᑉᐱ ᑲᑦ ᐊᓪᓂᔪᑕᒪᕐ

ᐁ ᑭᑦ ᑲᑉᑭᑦᑕᓴᕐ

ᑭᑕ ᑲᑲᓪᑕᑭᑦᑕᓴᕐ

ᑲᑭᑫ ᐃᑉᓄᑌᕐ

4 ᒥᓴᑦ ᑭᑦ ᐯᑭ ᓇᐅᑦᑦᑕᑦ

ᒪᒥᐃᑦᑎᐃᓪᓇ

ᐃᑉᐱᒥᕐ ᑭᑦᑭᒥᓯᓄᕐ

ᑕ ᑭᑦ ᐃᔨᑦᑌᓴᕐ

5 ᒋᐯᓪ ᑭᓴᐊᓪᑎᓯᐃᓕᓪ

ᑭ ᓄ ᓄᑦᒋᓪᓄᓇᓂᐤ

∇ ᑭᑎᒪᑭᓐᓂᐅᓴˣ
∇ᓯ ᐊᑦᓂᖅᑎᑦᓴˣ

---

27. ᓂᑲᒧᑐ

1 ᐅ ᑭᓴᒪᓂᑐ ᑭᖏᐱᑐ
ᒪᑭᐃᖅᑎᐃᓐᓇ
ᒥᖏᑲᒪᓄ ᓂ ᑌᖅᐃᓐᓈˣ
ᐊᑦᓴᐃᓐᐁᑦᐱᓇ
2 ᐋᑦᖅ ᐊᑎ ᐊᑦᓂᓯᓐᓈᖅᑭ
ᑭᖏᑭᓄᖅᑕᖅᐃᓐᓈᑐ
ᐊᑎ ᐊᓕᐅᑐᖅᑕᖅᐃᓐᓈᑐ
ᒣᐅᑦᓯᑦ ᒣᖏᑲᓇᓄ
3 ᒧᐸᑦ ᓂᓯᖅᑲᒪᐃᓐᓈᑐ
ᑭ ᐃᓐᑭᖅᐃᑐᐅᓴˣ
ᐃᖏᐱᒥˣ ᐁ ᐃᑐᖅᑌᐅᓴˣ
ᑭ ᐃᓐᒣᐃᓐᑐᐅᓴˣ

28. ᓂᒃᓱᒧᓐ

1 ᑭᓴᓐ ᑭᑎᒪᕐᓂᒥᓐ
ᐅᓯ ᑭᑎᒪᑭᓯᖏᓐ
ᐃᑭᕐᕿ ᓂᐟ ᐊᐃᐊᑉᑐᓐ
ᑭᓂᐸ ᑭᑕ ᓇᑎᑦ

2 ᑭ ᐃᑉ ᐊᑉᐸᑦᑎᓂᓂᓇᓐ
ᐅ ᐊᔪᑕ ᐃᑉ ᐄᓕᑦᐃᑦᐸᕽ
ᐊᓕᑭᐃᑉ ᐄᓕᑦᐃᐅᑉᐃᓐ
ᑭᖏᑦ ᓴᒪᑊ ᒪᓕᒃᒥᓇᓐ

3 ᐅᐊᑉᑯ ᐅ ᐃᓯ ᒥᖏᑊ
ᑭᓗ ᑭ ᐄᓕᑦᐃᐅᑉᐃᓐ
ᓂᐟ ᐊᑦᐱᑦᑯᕽ ᐸᑭᑎᓇ
ᐃᑭᕐᕿ ᐱᒪᑎᓕᐃᓐ

4 ᐅ ᐸᓕᑭᑌᓕᑊ ᐃᓕᑯᑌᓂ
ᐃᓂᑯᕽ ᐄᓕᑦᐃᐅᑉᐃᓐ

ᓂᓗ ᐊᖏᑦᑎᖏᓐᓇᖅ ᑭᖏ ᐸᖏᑭᖏᑎᖅ
ᑭᓱᐸ ᑲᑕ ᑲᓕᖏᓐᓇᑐᓂ

---

29. ᓂᒃᓗᐳ

1 ᒋᐯᓕ ᓂ ᑭᖏ ᒪᑎᓱᐅᓪᓗ
ᐁᑲ ᐁ ᑭᖏ ᒋᐯᓕᖏᑕᒪᓗ
ᐁᓗ ᑭᑎᒥᒪᑫᓱᒥᓗ
ᑭᓴᑦ ᐅᐱᒥᒪᖏᐃᐁᕆᓕ

2 ᒋᐯᓕ ᑭᖏ ᒪᑦᒃᐊᒋᓕ ᓂ ᑌᖏ
ᒧᓴᑊ ᐁ ᐊᒋᑕ ᐯᖏᑕᒪᓗ
ᐁ ᑭᖏ ᐃᓗ ᑭᑎᒪᖏᐃᖏᓗ
ᓂᓕ ᐁ ᐃᓕ ᐱᒥᒪᖏᐃᓗ

3 ᐊᖏᐳᓇ ᐃᓕᓴ ᕿᖏᑭᐊᓘ
ᐁ ᐊᒋᓴᓗ ᒪᑭᖏᑎᐃᓕᓇ
ᒃ ᑭᖏ ᐅᖏᑭ ᒋᓕᑭᖏᒋᓗ
ᒪᑦᑎᓂᕐᓵ ᐁ ᑭᓪᒋᑦᒃᓕᖏᐅᖏᓗ

4 ᐱᑯ ᐊᓕᓯᓕᓂᐅᐊᐣ
ᐁ ᑎᐸᑦᐃᐃᕐᓂᕐᒥᒪᓱᐣ
ᑭ ᓇᑐᒥᑯᓇᓂ ᐃᒃᑲ
ᑲᑦᑭᕆᓂ ᑭᑦ ᓱᓪᕆᔭˣ

5 ᐁᑲᐃᐣᓴ ᓴᕐᑯᓕᒍᑦ
ᑭᖅᐱᑐ ᐊᐃᐣᓴᑦ ᓱᓯᑎ
ᓂ ᐃᐣᑦᓯᐃᐣᑐ ᑦᐯᐣᑦᑕᑦᕐᑫ
ᐅᑭᕐᑫ ᑦ ᐱᐃᒪᑎᓯᓂ

---

30. ᓂᕐᒪᑐ

1 ᓂ ᑭᖃᒪᓂᑐᑦ
ᑭ ᓇᓱᖅᑯᒥᑎᑎᑐ
ᓇᒪ ᓂᓗ ᐊᑯ ᐱᐃᒪᑎᓯᑐ
ᑭᖅᐱᑐ ᓇᑲᓯᓕᑐ

2 ᑭ ᐊᑯᓴᑲᓯᐃᐣᑐ
ᓂ ᐊᑯᓴᖅᑲᐃᒪᓂᑐ

ᒋᐯ· ᐃᓗᒃ ᒥᔪᓐᓄᒍ
ᐊᓀᓪ ᑲ ᐃ·ᕝᐃ·ᓴᐃ

3 ᑭᓵ ᐅᐣᑭ ᒥᔨ
ᐊᑦᓴᐊ·ᑦ ᐁᑐᒃᕿᐊᑦ
ᒋᐯ· ᒥᔪᓐᓄᒍᐣᐊᑲᐊ·ᑦ
ᑲ ᐯᐦᓯ·ᕐᒥᓕᖅᑭᑦ

4 ᓂ ᒍᓐᑕᐁ·ᓄᐣᑐᑦ
ᑕ ᐯᐦᓯ·ᕐᒥᑦᑕᑦ
ᐅᔪᑦ ᑭ ᓴᐊ·ᕐᒥᑎᑦ
ᐅ ᑭᔪᓐ ᐅᑎᓂᑦ

---

31. ᓂᑲᒍᑦ

1 ᑭᔪᓐ ᓂᐟ ᐃᑌᓄᒍᐃ·ᑦ
ᐃᓐᐱᒥˣ ᑲ ᑭᐣ ᐃᑐᐣᑌᐟ
ᐃ·ᓴ ᐱᔾ ᓂ ᐃᒪᒥᓯᑦ
ᓂᓐᑦ ᐁ ᐃ· ᐃᑐᐣᑌᑦᓴᑦ

2 ᑕᑦᑐ ᑲ ᒥᓴᓂᑎᓯᑎᑦ
ᐁᑯᑌ ᑭᑦᑦ ᐃᑐᑦᑌᐊᑫᑦ
ᐁᐊᓂᑯ ᐱᑯ ᑐᑦᑲᓇᓄ
ᐃᑌ ᑭᑕ ᒥᔪᓂᓕᒧˣ

3 ᑭᓄᓀ ᓂ′ ᐊᑦᑕ ᓇᑐᓄᑐ
ᐃᒪᑲ ᐁᑲ ᐁ ᒥᑦᑲᐃᒪᑐ
ᓂ ᑭᑦᑦ ᑲᑲᓂᑕᔪᒧᑐ
ᐅᑦᔪᑦ ᐁ ᒪᑌᓕᐃᓂᔭᑐ

4 ᐁ ᐊᑦᑕ ᓇᓇᑭᑦᑕᐃᒪᑐ
ᐊᑦᑦᑭ ᓂ ᓴᑯᑭᑦᐃᑯᑐ
ᑭᔪᑦ ᓂ ᐯᑦᑌᑐ ᐁ ᐃᑌᓂ′
ᐊᓀᑕᑦ ᓂ ᐅᒪ ᑕᑦᑲᓇᓄ

5 ᐁᑲᓂ ᓂ ᒪᒪᑦᑕᑯᓯᑐ
ᑭᔪᑦ X ᐁ ᐃᓂ ᐅᑎᓂ′
ᐁ ᐊᑦᑕ ᒪᑌᓕᐃᓂᔭᑐ
ᐁᓕᐁᓂˣ ᐁ ᑭᑦᑦ ᓴᑭᑦᑦᐃ′

32. ᓂᐅᒪᓐ

1 ᐃᐯᐧ ᒥᓱ ᐅᑕᓀᑭᐊᐧᐣ
ᐃᓀᐱᒥˣ ᐁᐳᒋ
ᓇᒪ ᑕᑲᓐ ᐊᐣᑯᓯᐅ ᐃᐧᓐ
ᑲᑭᑫ ᑭᓯᑲᐤ

2 ᐁᑯᑕ ᑲᑭᑫ ᓂᐱᓐ
ᐁ ᐅᐃᓴᐊᐧᓀᑲᐧᓀᑭᐣ
ᓂᐱᐃᐧᓐ ᓯᐱˣ ᐃᓯᣐᑎᓐ
ᐁ ᑭᐱᓀᑲᑯᐳˣ

3 ᐊᑲᒥˣ ᐁᑯᑕ ᐊᐃᐳᐤ
ᐅᒪ ᒥᓱ ᐊᓀᑭ
ᑲᑭᑫ ᐱᐃᒪᑎᓯᐃᐧᓐ
ᐁᑯᑕ ᐁ ᐊᐃᐳᐣ

4 ᐱᑕᓂ ᑭᐣ ᐁᐧᐱᓇᒪᒧˣ
ᑲ ᑭᐱᓀᑲᑯᐳˣ

ᑭ ᐃᓕᑫ·ᓱᒧᐃᐅ·ᓂᓇᓄ
ᐅᒃ ᐅᐣᑭ ᑯᓵᒋᒪˣ
ᑭᓵᐱᓐ ᓂᓯᒋᐃᐅ·ᓇᒪˣ
ᐅᒪ ᒥᓪ ᐊᓵᑭ
ᑲᣲᑭᓴᓄ ᐃᓕᑫ·ᓱᒧᐃᐅ·ᓐ
ᑲ ᐁ·ᐱᓄᣲᒋᓇᓄ

---

33. ᓂᑲᒧᓐ

1 ᑭᓴ ᑲ ᑎᐯᓱᣲᒋᒪᓐ
ᑭᓴᐊ·ᑎᓯᐃᐅ·ᓐ
ᐃᒪᒪᐃ· ᕿᣲᓴᓱᐃ·ᓴᓐ
ᑲᓇᐊ·ᐸᒥᓀᓐ
2 ᑭᓴ ᐱᑯ ᐊᓵᓴᐃ·ᓀᓐ
ᐅᑎᓂᓀᓐ ᑭᓵᓪ
ᑭᑦ ᑲᓇᐁ·ᓱᒥᓵˣ
ᑦᣲᒋ·ᓄ ᐁ ᑭᓯᑲᐧ

3 ᑭᑦᑭ ᑭᓴᐊᓕᑎᓯᐅᓐ
ᓂ ᒪᓂᑕᐁᓕᓂᔪᑐ
ᓀᑲ: ᐁᓕᑭ ᐃᓱᑭᑦᑕᐃᔾᕽ
ᑭᑕ ᓇᑐᑦᑕᒪᕽ

4 ᐱᑕᓂ ᑭᑦ ᓇᑐᑦᑕᒪᕽ
ᓂ ᑌᑦᐃᓭᕽ ᐅᑦᑭ
ᑭᔾᓕ ᐊᑦᑭ ᐅᓯᑦᐃᓭᓐ
ᓀᓴᐊᓕᑎᓯᔾᑐ

5 ᑲ ᑲᓭᑎᓯᔾᑐ ᐊᑦᑰᕽ
ᐊᓕᑦ ᓂ ᑌᑦᐃᓭᕽ
ᑲᑭᓀ ᐱᒪᑎᓯᐃᓐ
ᑦ ᑭᑭᓗᑲᑯᔾᔪᕽ

---

34. ᓂᑲᒪᑐ

1 ᐅ ᑭᓴᑦ X ᐅᑎᓂᓭᓐ
ᐅᑎᓂᓭᓐ ᑭᔾᓕ

ᑭᓵᐸ ᐱᒪᒋᑦᐃᓇᓐ
ᖃᓄᐊᓕᑎᓯᓂᑦ

2 ᐊᐅᓕ ᖃ ᒪᒥᓯᓴˣ
ᒋ ᐅᑎᓂᓄᓴˣ
ᑭᓴ ᐯᒪᒋᑦᐃᐅᓕᑦ
ᓂᓗ ᐊᓐᐯᓵᒧᓇᓐ

3 ᐅᑯᓯ ᑲ ᑭᑦ ᐃᑌᓕᑦ
ᐅ ᐯ ᓇᑐᒥᓴˣ
ᑭᓐᐱᑦ ᐊᐃᓕᓴᐠ ᓇᓯᒋ
ᓂ ᑲ ᐱᒪᒋᑦᐊᓄ

4 ᐅᑲᓕ ᐃᒃ ᓂ ᑌᑦᐃᓇˣ
ᓂ ᒧᓐᑕᐃᓕᓂᓇᓐ
ᑭᓴᑦ ᓴᐃᓕ ᐅᑎᓂᓇᓐ
ᒋ ᐱᒪᒋᑦᐃᓴˣ

---

35. ᓂᒃᓱᒧᑦ

1 ᓴᐁᐧᓂᐩᓯᑎᑯᓗᓂᓄ ᐊᓐᓇ
ᓚᒋᑦ ᐱᓕᕆᖏᐧᐊᓕᓐᓄ
ᐁᒃᑲ ᐃᑲ ᓇᔨᓯᓯᕽ ᒥᓇ
ᐁᒃᑲ ᐃᑲ ᒥᑎᑐᓴᑦ

2 ᓴᐁᐧᓂᐩᓯᑎᑯᓗᓂᓄ ᐊᓐᓇ
ᖁᒋᑦ ᔨᑕᒥᓂᓴᑦ
ᐁᒃᑲ ᐃᑲ ᐃᐧᖏᐊᓐᓴᑦ ᒥᓇ
ᐁᒃᑲ ᓂᔨᓯᓯᕽᐊᓐᓴᑦ

3 ᒪᖏᓪᓚ ᓇᑎᐱᓪ ᓴᓕᓯᓯᓂᓄ
ᒥᓂᔪ ᐊᔭᒥᐃᓐᓄᑦ
ᕿᓯᑉ ᐃᓚᒥᔨᓂᓂᐧᐊᓐᓄᑦ
ᐅᔭᓗᐁᐧᐃᓐᐃᓐᓇ

4 ᑯᐱᐧᑯᓪ ᐁ ᐃᓗᓗ ᐊᑲᓗᑦ
ᐁ ᒥᓂᔪᓗᑦ ᒥᑎᑎᑦ

ᑭᒃᐱᒍ ᓂᐱᕽ ᐁ ᑭᒪᓗᓴ
ᓀᒃᐱᒻ ᒥᓂᔪᐃᓐᓂ
5 ᐁᑯᔪ ᒋᐱᒃᑯᒻ ᐃᔪ
ᑭᔪᓴᐃᓐ ᐊᐅᓂᓐ
ᓀᓀᑊᐁᐸᔨᓐᓂ ᑕᑊᑭᓐ
ᒥᓀ ᒥᔦ ᐊᐅᓂᓐ
6 ᑭᑫᒪ ᐅ ᒪᓂᑐᒪ
ᒧᐸᐠᓴᐁᓐᔨᒥᑦ
ᐃᒪᒃ ᓄ ᒪᑭᑐᑕᑊᑭᑦ
ᑲᑕ ᕿᑊᑭᔪᓀᓐᑦ

---

36. ᓂᑲᒧᑐ

1 ᑭᓴ ᓄ ᑎᐯᐸᑊᕈᒪᑐ
ᑭᓴᐊᓐᑎᔪᐃᓐᓴᑐ
ᐁ ᐃᔪ ᐊᔨᒥᔪᓄᑐ
ᑭᒃᑭᔪᑐᕈᐃᓐᓴᑐ

2 ▽ ძᓯᑲᒃᓚᐱᑭᓯᑦᓴᓐ
σ ᓚᑭᐱᑎᐃᐅᓐᓀ
ᑲᐱᑭᓴᓂᐠ ᐊᔪᓀᒪᐃᐅᓐ
▽ᓯᓗ ᓴᑭᐱᐱᐃᓴᓐ

3 ᒥძᓂᒃᑌᑦᓂᐱᑦ ᒧᐃᓐ
▽ ᑭᐱᓂᒃᑯძᓴᓐ
▽ ᐃᓗ ᓂᔪᐃᓐᓯᓴᓐ
V ᒪᓂᒃᐃᓐᓯᐱᐃᓐ

4 ᐅᒪ ᑲ ᓂᔪᐊᓐˣ σᓴᓂ
ᐃᓐᔪᕿᑦᓂᐱᒪᓐ
ᒥᓐᓐ ᓯᐯᑦᓂᐱᒧᐃᓐ
ᒥᓀ ᐊᓐσᓂᒃᑲσᓐ

5 σᐱᐃᓐ ᐅᑎᐱᓂᒋᒪᓂ
ᑭᓴᑦ σ ᑲ: Vᐱᐅᓐ
ᒥᓐᓐ ᐃᓂᒃᓄᒻ ᑭᑦ ᑭᐱᐱ
ᒪᒥᓯᔪᑦᑦᓐ

37. ᓂᑲᒧᐢ

1 ᑭᐯ· ᐃᓴ ᒥᐅ·ᓯᓇ·
ᑭ′ ᐊᓄᒥᐃ·ᓇ
ᑲᓇᑕ ᑯᓄᓯᐁ·ᐃ·ᐢ
ᕿᕿᖏᑭᒥᑯᐅᓄᐢ

2 ᓇᒪ ᓂ ᑭᖏᕿᐣᑌᓇᐢ
ᑕᣭᑦ·ᓂ ᖃᑭᣭᑎᐅᓄᕽ
ᐅ ᐃᑲᑌᓇᒪᐃ·ᓇᐢ
ᑭᒧᒥ ᒪᑭᣭᑎᐃ·ᐢ

3 ᐁᑲ ᑕ ᐄᒐᓴᒥᑦᕽ
ᑲᓇᐁ·ᓴᒥᓇᐢ
ᒧᐱᑦ ᑭᑕ ᓇᑭᖏᑕᒪᕽ
ᕿᑲ: ᐁ ᐄᓄᑦᕽ

4 ᐁᑯᓱ ᑕᣭᑐ ᑭᓱᑲᓂ
ᕿ ᓇᓇᖏᑯᒥᑦᕽ

ᑭ ᑲᓇᐁᓕᒥᐁᐃᓐ

ᓂᐟ ᐊᑎᐯᓕᒍᓯᓐ

---

38. ᓂᑲᒪᑉ

1 ᒪᓴ ᐃᓕᓴᓴᐊᓕ ᐊᕕᒋᕕᑲᓕ

ᑕᑌ ᐁᓕᕕᑎᓇᕕᑭᓕ

ᐅᒪ ᑲᑕᐊᓕᓴᓴᐃᓐ

ᐄᑭᑫ ᑭᓴᑯˣ

2 ᐅᑯ ᐊᓗᒥᒋᓴᐃᓐᓂˣ

ᑭᕕ ᐱᒪᑎᓴᐊᓕᓕ

ᐁᑲᓕ ᐄᒪᑲ X ᐅ ᒪᕕᑯˣ

ᐄ ᑭᕕ ᐯᕕᑭᕕᐃᕕᒪᓕ

3 ᐁᑲᓕ ᓂᐸᐃᓐᑕᒣᐊᓕ

ᐅᐟ ᐊᐱᐃᓐᓂᓗᓄ

ᐄ ᑭᕕ ᐱᒪᒪᕕᐃᑯᒪᓕ

ᐃ ᐊᑐᑎᑲᐊᓕᒪᓕ

4 ᓇᒪᓐᖏᑲ: ᑭᓕᒋᒪᐅᓕ
ᑲᑭᖏ ᑭᓱᑲᓂ
ᐃᑲ ᑭᐩᐩ ᓂᐳᐢᕆᒋᒪᓄᑭᓕ
ᑲᓇᐁᓕᓵᒥᑲᓕ
5 ᑲᑕ ᐸᐸᔨᒫᐩᕆᐩᐃᑲᓕ
ᒥᔪᓕᓵᒫᐃᓂᐧˣ
ᐅᐩᑭᑲᐊᒋᐧᐱᐃᓐᑐ ᒥᓇ
ᑲᑕ ᐅᑎᓇᒋᒫᓐ

---

39. ᙭ᒪᐢ ᓂᑲᒫᑉ

1 ᐃᒪᐩ ᐁᑐᑭᔾᐊᓕ ᓂᑲᒫᒪᐅᓕ
ᐁ ᑭᐩᐩ ᓄᐅᓱᐟ ᑭᔪᐢ
ᒪᓂᑐ ᒥᓇ ᐃᓵᓂᐤ
ᐅᑐᑌᒥᒥᑐᐊᓕ
2 ᒪᒪᐩᕆᐅᓱᐟ ᐁᑲᐧ
ᑲᐩᐩᑭᔭᐤ ᐃᓵᓂᑎᐟ

△·ᑭᑦᐃᐦᑲ·ᓂ ᑭᓯᑯˣ
ᐁ ᐅᑦᑭ ᓂᑲᒪᑭᑦ
3 ᓀᑲᑕᑉ ᑭᑦᑭ ᑭᓯᑦ
ᑭᑕ ᐱᒧᒪᑦᐃᐁᐢ
ᕆᑯᓯᔪ ᐃᓕᓂᐊ·
ᑭᑦᒋ·ᑉ ᑕ ᐊ·ᓂᖏᑲᓀ′
4 ᐁᔪᑕᑉ ᓯᒃ ᐃ·ᕝᐃ·ᓀᔪ
ᐁ ᐊᓴᐁ·ᐸᒥᒋˣ
ᓂᐸᑦᒋ ᓂ ᑌᑦᐃᓀˣ
ᑲᑦᑭᓗᓂ ᒪᑭᑦᑎᐃ·ᔪ

---

40. ᐁ ᐁᐱᓯᓯᓄᐃ· ᑭᓯᑲᑦ

1 ᑭᓴᔪ X ᑭᑦ ᐊ·ᓂᖏᑲᓂ
ᐁᑲ· ᒥᓅᐁ·ᑕᒧᑦ
ᑭᓯᑯˣ ᑲ ᐊᑦᓄᓴᑦ
ᒥᓀ Ღᑦᑭᓗᓂ ᐊᖏᑭˣ

2 ᑭᓄ ᐊᓴᓗ ᑭᙳ ᐊᑐᓂᖏᑐ
ᓂᐱᐃᓕ ᐃᓱᐊᑭᙳᒋᑐ
ᑭᓄ ᐊᓴᓗ ᑭᙳ ᐅᙳᐱᓂᖏᑐ
ᐃᓱᙳᒋᑐ ᓱᖏᑦᙳᐊᓂᖏᓕ

3 ᐁᖏᑦ ᑲ ᒪᑭᙳᑎᕐᓴᑦ .
ᐁᓯᕆᒪᖏᐃᑦᓴᑦ
ᑭᑕ ᐅᑐᑌᒥᓴᑦ
ᑲ ᐱᒧᒪᑭᙳᐃᔪᓴᑦ

4 ᑭᓴᓂ ᐊᓚᙳᒼ ᐊᑐᓂᖏᑐ
ᐁᖏᑦ ᒥᕆᐊᑐᑕᒧᑦ
ᑭᓯᐁᑦ ᒪᒥᙳᑭᒥᕽ
ᐊᓪ ᑲ ᕿᓂᑭᕆᕐᖁᑦ

---

41. ᓯᖏᙳᐊᙳᕆᖁᐃᑦᓕ

1 ᑭᑕ ᐊᑐᓂᖏᐊᑦᐟ ᐊᓪ
ᑲ ᑭᙳ ᓂᐅᓂᕆᒪᓂᓕ

ᑭ᐀ ᐃᓯ ᐅᑎᓂᑎᓀᓐ
ᐅᒪ ᓂᐱ ᐅᑦᑭ

2 ᐁᑲ ᑕ ᐄᕿᑫ·ᔨᒧᒍᓐ
X ᑭᑕ ᐃ·ᑫᐊ·᐀
ᑕ ᓄᑎᓂᕿᕐᑕᒪᐊ·᐀
ᐁᑲ ᐁ ᓀᑭᒍᓐ

3 ᑭᑕ ᒥᑎᕂᐊ·᐀ ᒥᓀ
ᐃ·ᒃᓴ ᐅ ᕂᕐᑲᓀᓄ
ᑭᑕ ᐃᓯ ᐅᑎᓀᒪᓐ
ᑲ ᐃᓯ ᐅᑎᓀˣ

4 ᐁ ᑭᕐᕿᓀᐊ·ᑭᑦᐃᑦᓯˣ
ᑭᑕ ᑎᐯᔨᒥᕐᓵ
ᐱᑕᓂ ᑦᐯ· ᐃ·ᑫᐊ·᐀
ᒥᔪ·ᔨᒧᐃ·ᓂˣ

---

42. ᓯᑲᐃᐊᐃᑦᑕᕐᕿᓐᓄ

1 ᑭᑎᒪᑭᓇᕐᓂᐅ
ᐅᐱᒋᒪᑦᐃᐃᐅᑐᐅ
ᐊᐃᐳᐃᑦᑲᒃ ᐊᐊᑦᓯᓴᖅ
ᑭᓴᐊᑦᑐᑕᐅᑦᐅ

2 ᐅᖃᒃᑦ ᐊᖃᑭᕽ ᐊᓂᓗ
ᐅ ᑭᐃᐃ ᑕᐃᑯᓇᐃᑕᑦ
ᑭᐃᐃ ᑭᐃᐃᑭ ᒥᓕᑐᑕᐅᑦᐅ
ᐅ ᑭᐃᐃ ᓴᐅᑦᓱᒋᒪᓗ

3 ᐅ ᑭᓂᓕᑦ ᐅᑎᓂᔪᑦ
ᑕᐃᑐ ᐅ ᐯᓯᐃᐃᑭᑦ
ᑰᐯᑦ ᒥᓕ ᐃᑕᑭᒥᑦ
ᐱᒋᒪᐃᐃᓗᑦ ᒥᓇ

4 ᓂ ᐯᓯᐊᑦᓇᓇᑦ
ᐊᐱᖃᑕᐊᑦᓯᓴᑦ

ᐅ X ᑭᓯᒋ ᓴᐁᐦᓕᒻ
ᐱᒪᒋᓂᐃᓵ ᒥᓇ

---

43. ᑭᓯᒋ ᐃᓱᓂᒍᐦᐃᓵ

1 ᑭᔭᒪᓂᑐ ᐅᒪ ᒋ
ᑭ ᑲᓇᒋ ᐃᓱᓂᒍᐦᐃᓵ
ᑭᓴᒌ ᑕ ᐯ ᒥᒋᓯᐊᐦᓵ
ᑲᓂᑭᓴᓂᓄ ᑭᓵ ᐃᓕᓀᒪᓵ

2 ᒍᐯᐦ ᒋ ᑭ ᑲᐦᓴᑕᒍᑐ
ᑲᓇᒋ ᒥᑭᓯᓴᑲᑐ
ᑭᓴᒌ ᑕ ᐯ ᒥᓀᓂᑫᐦᐊᐦᓵ
ᑲᓂᑭᓴᓂᓄ ᑭᓵ ᐃᓕᓀᒪᓵ

3 ᑲᓇᑌᓕᓂᒍᑲᐦᓀᓕᓕᓄ
X ᐅ ᑎᐱᐢᑭᓄᓂᑫᐦᐃᓵ
ᒍᐯᐦ ᓴᐁᐦᓕᓂᒍᑯᓯᓄ
ᐊᓇ ᒐᓱ ᐊᑭᓂᒍᒪᓂᐟ

4 ᐅ ᑭᓴᑦ ᐊᓄᖏᕐᓇᖅᑐᑦ
ᒡᐯ· ᒪᒪᖅᒡᑯᓗᐊᓐ
ᐱᒻᒪᖅᑐᑦ ᓴᐁ·ᓕᒥᑦ
ᑭᓗ ᐃᓕᓂᒪᑦ ᐅ ᑭᓴᖏ

5 ᑭᓴᑦ ᐃᓕᓇᒪᐃ·ᓇ
ᒡᐯ· ᑭ ᑎᐱᑐᑦᒪᕕᓴᕐ
ᑭᑦ ᑭᖅ ᐯᖅᓄᑎᓗᓴᕐ
ᒥᓇ ᑭ ᒥᔨᖏᓄᑯᓴᕐ

---

44. ᑭᖅᑭ ᐃᓗᖅᒡ·ᐃᓐ

1 ᐅ ᑲ ᑎᐯᓕᖅᑭᕿᓴᑐ
ᓂ ᐃ· ᑲᓄᑭᖏᓗᓇᓐ
ᑲ ᐃᓗ ᐊᑭᖅᐃᐁ·ᓴᑐ
ᑯᖅᑭ ᓂᐳᖏᒪᒪᐃ·ᓴᑐ
2 ᑭ ᒥᖅᑯ ᑲ ᓗᑭᓇᒪᑐ
ᓂ ᑲ ᐃ·ᖅ ᐯᖅᑭᖅᐃᐁᑯᓇᓐ

ᑭᑕ ᐊᑲᓐᓇᖏᐅᑯᒋᓴˣ
ᑭ ᑲᓴᓵᑭᑎᓂᔪᐊᓕᓐ
3 ᑲ ᑭᖏ ᑲᑲᓐᑕᑭᖏᒋᓴᓐ
ᓂ ᑌᖏᐃᓀᓇ ᐯᖏᑭᖏᒋ
ᒪᑎᖏᑎᐃᓐ ᑲ ᑯᔪᑲᓐˣ
ᑲᖏᑭᓴᓂ ᒥᓇ ᐅᑎᓇ
4 ᐁᑲᐃᓐᓴ ᑲ ᐃᒪᓴᑕˣ
ᓂ ᑲ ᑎᐯᐳᒥᑯᓀᓐ
ᓂ ᑌᖏᐃᓀˣ ᐸᑭᑎᓇ
ᑭ ᒥᔭᓴᓐᓂᖏᐃᐁᓐᐃᓐ

---

45. ᑭᖏᑭ ᐃᔪᖏᒋᓐᐃᓐ

1 ᑲ ᑭᖏ ᐃᔪ ᔪᖏᑭᒥᓴᓐ
ᐁ ᑕᐸᖏᑌᐳᒥ ᔪᓀᓴᓐ
ᓂ ᐃᓐ ᑲᕐᓐ ᑎᐱᔨᑌᓐ
ᑭᑕ ᑭᓀᑭᔪᔨᑕᒋᓐ

2 ᑭᓴᓂᐅ ᐃᒃ ᑭᐣᐣ ᐱᐅᓀᒪᒥˣ
ᓂ ᒃ ᐃᓕ ᐊᐃᐸᒪᐣᐃᐅᑐ
ᐅᒪ ᒥᓀ ᒥᓂᐣᑲᓕᒃᑲ
ᑭᑕ ᑭᓵᑭᓯᑐᑦᑦᑐ
3 ᐁ ᐃᒪᒥᑐᓂᐳᐣᑕᒋᒪᑐ
ᐃᒃ ᑭᐣᐣ ᓂᐳᓵᑕᒪᐃᓕᓴᑐ
ᒪᔭᓵ ᓄᐱᐃᒪᑭᐣᐃᐁᓕᑦ
ᑭ ᐃᓕ ᑭᓵᑭᓯᑐᑦᑕᑎᑐ
4 ᐁᐣᐣ ᐁᓵᑲᓕ ᐱᐃᒪᑎᓯᐃᓴᑐ
ᓂ ᒃ ᐃᓕ ᑦᐯᓕ ᒧᓯᐣᑦᑐ
ᑭ ᑭᐣᑭ ᐄᑭᐣᐃᐁᓕᐃᓕᑐ
ᑭᑕ ᑭᓵᑭᓯᑐᑦᑦᑐ
5 ᐃᓵᐱ ᐃᒃ ᓱᑕᐃᒪᓄ
ᐃᑕ ᑭᑕ ᓇᒃᑕᐃᒪᑐ
ᑲᐣᑭᓴᐅᓄ ᐊᓵᑭˣ ᒃ ᐊᐃᓴᑊ
ᐁᒃᓕ ᑭᓵᑭᓯᑐᑦᑕᐃᓕᑐ

46. ᐊᔨᓕᑭᐦᐃᔭᐃᓐ

1 ᑲᑕ ᒪᒥᐦᑭᒋᒪᓂ ᐁᑲ·
ᑭ ᒪᓂᔭᒥᓇᓂ
ᐅᒪ ᑭᐦᑭ ᐃᓱᐦᐦᒋ·ᐃᓐ
ᐁ ᐊᔨ·ᐸᐦᑎᓕᔭᑕˣ

2 ᐞ ᑭᐦᐦ ᐊᓱᑕᒋᒪᑫᓴˣ
ᒥᔭᓂᔭᐦᐦᑕᐦᐦᒋᑦ
ᑭᑕ ᐃ· ᐊᔨᓕᑭᐦᒋᓴˣ
ᑫᐦᑭᐊᔨ·ᐣ ᑭᓴᓇᓂ

3 ᒪᑭ ᐃᓱᐦᑭᑫᐃ·ᓇ
ᑭᑕ ᐁ·ᐱᓇᒪˣ
ᒪᑭ ᐸᐞᐊᔨ·ᑕᒧᐃᓐ
ᑭᑕ ᐊᔨᓂ·ᐦᑕᒪˣ

4 ᒥᓱᐁ· ᐊᓴᒥᐦᐊᐃᓐ
ᑭᑕ ᒋᐯ·ᐦᑕᒪˣ

ᒥᓯᐁᐧ ᐱᐃᒪᑎᓯᐃᓐ
ᑭᑕ ᐃᐧ ᐊᑦᓴᓴˣ
5 ᒥᑎᒥᓇᐃᒪᐧᑐ ᐃᐧᓴ
ᐅᓴᓯᐁᐧᐃᐧᓇ
ᐃᐧᑊᑊ ᑐᑕᐃᒪᐧᑐ ᐃᓅᑯˣ
ᕿ ᐱᐃᒪᑎᓯᓴˣ

---

47. ᐁᓇᑊᐃᓂᑊᑭᑊ ᐅᓂᐱᐊᐧᑊ

1 ᑦᓄˣ ᑲ ᒪᐃᐧᑊᑲᑊᑯᑊ
ᑭ ᑐᑌᒥᓇᐊᐧᑊ
ᑎᓴᑎ ᑲ ᑭᑊᑊ ᐯ ᓇᑐᐃᒪᐟ
ᑭᑕ ᐃᐧᕿᐃᐧᑯ′
2 ᑦᓄᑊᑭ ᒥᓇ ᓂᐱᐃᐧᑐ
ᑲ ᓴᑭᑊᐃᑯᓴˣ
ᐁᐊᐧᕿᐧᓂᓄ ᐅᒪ ᑎᓴᑎ
ᐅ ᓇᑐᑊᕿᒧᐃᐧᑐ

3 ᑭᓂˣ ᒥᓇ ᓱᑲ·ᑕᐊᓐᑲᑐ
ᑲ ᓴᑭᕕᐃᑯᓂᓵˣ
ᐁᑯ ᑐᐃ·ˣ ᐃ·ᓴᓂ ᑭᓴᑎ
ᑲ ᑭᕕ ᓀᕕᐃᓀᒪᕕᐟ
4 ᐁᑯᑕ ᑭᕕ ᐅᕕᑭ ᕿᑎᐠ
ᒥᓇ ᐁ ᐊ·ᓂᓐᑲ′
ᑭ ᑭᕕ ᓂᑲᓄᕕᑕᑯᓀᓂ
ᐃᑎᐱᒥˣ ᑭᓯᑯˣ
5 ᑭᓵᑕ ᐃᒃ ᑕ ᐯᕕᑕᒃᑐ
ᕿᓯᐁ·ᐠ ᐱᐱᒃᑐ
ᑯᓐᑯᓐᑲᐠ ᐊᑕᒥˣ ᐊᓐᑭˣ
ᑭᓴᐊᑦᓂ ᐁᓵᔪᐠ

---

48. ᐁ ᓀᕕᐃᓂᕕᑭᐠ ᐅᓂᐱᐊᑦᐠ

1 ᐃᒥᕀ ᑭᓂᑕᑭᐠ ᑭᓯᑯˣ
ᑲ ᒥᔪ ᓂᐱᓵ′

ᓄᑦᐱᒻ ᒥᔪᓂᖅᑲᑌᐊᑦ
ᐁ ᒥᔪ ᓂᐱᔨᓕ
2 ᑭᓴᑦ ᐁ ᐊᑎ ᓂᐯᖅᑯᓕ
ᒥᔪ ᐊᑲᓚᔨᐊᑦ
ᑲᖅᑭᓴᓂ ᒪᑭ ᖃᑲᑦ
ᐁ ᓄᑲᑕᒥᔨᓕ
3 ᑲᖅᑭᓴᓂ ᑯᔨᒥᓱᐊᓐ
ᐅᑕ ᓄᑲᑕᒪᑦ
ᒪᓂᑐᐊᑦ ᐁ ᓄᑦᑕᑭᑦ
ᑭ ᐊᑐᑎᑲᑯᑲᑭᑦ

---

49. ᐁ ᓄᖅᐃᓂᖅᑭᑦ ᐅᓂᐱᐊᑦ

1 ᐁ ᑯᑲᐸᖅᑕᒪˣ ᓂᐱᐃᓐ
ᐃᒪᖅᑎ ᑲᖃᑲ ᒥᒥᓱᑦ
ᓂᓴ ᒥ ᓂ ᑲᑲᑎᑎᓱᓐ
ᑭᑕ ᓄᑲᑕᐃᒃ ᐊᑎᑭ

2 ᐃᒧᐱ ᐅᒪ ᓂ ᔪᐦᔪᕆᐃᓐ
ᑲ ᐃᓯ ᒋᐯᐧ ᓄᓴᐊᐧˣ
ᐊᑎ ᑭᐱᐦᑭᔨᓕᕐᓀ
ᓂᐱᐃᓐ ᓂ ᑲ ᐅᑎᐦᑌᓐ
3 ᓂ ᑲ ᓇᑲᑌᓐ ᑲᐦᑭᔭᓄ
ᐅᑕ ᑲ ᑭᐦ ᐊᑭᐦᒋᐊᓕᓐ
ᑭᑕ ᐅᐦᑎᒋᑲᐃᓚᒋᑲᐊᐧᑊ
ᐊᓇ ᓀ ᐅᔭᓯᐊᐧᓯᐟ
4 ᓂ ᑲ ᕈ ᐃᒪᑲ ᐯᐦᑕᐊᐧᓄ
ᑭᑕ ᐃᓯᐟ ᐊᐊᐧᓯᑌ
ᒪᕈ ᐊᐦᐁᐦᑲᐧ ᐃᐧᓀᐃᐧᑊ
ᓇᓄᐦᑲᑌᓭᒧᐃᐧᓂˣ
5 ᓇᐊᐧᐨ ᐃᑎᐦᑕᐊᐧᑊ ᐊᒋᑦᑦ
ᑲ ᔪᐁᐧᓭᐦᒋᑯᓯᓕᔭᓐ
ᐊᐅᔭ ᐃᒧᐱᒪˣ ᑭᓯᑯˣ
ᐁᑭᓀ ᒪᔪᐧᓭᒧᐃᐧᓐ

50. ᐁ ᐊᓵᒥᐦᐁᑭᓱᑲ

1 ᑭ′ ᐊᑐᖏᐃᐧᓂᓇᐊᐧ
ᐁᑲᐧ ᑭᓴᑦ ᐁᐧᐱᓇᐦᒋᑊ
ᑭᓵᑢ ᑲ ᐃᐧᐦᑕᒧᔪᓵˣ
ᐁᑲᐧ ᑲᖏᐧ ᐅᑎᓇᐦᒋᑊ

2 ᑭ ᓂᓱᐦᑲᒧᖏᐃᐧᓇ
ᑕᐦᑭ ᓂ ᑲ ᒪᒥᓱᓰᑐ
ᒧᓵᑊ ᓂ ᑲ ᒋᐯᐧᐦᑌᓰᑐ
ᑭ ᑭᐦᑭ ᐃᓱᐦᐃᐁᐧᐃᐧᑐ

3 ᐱᑕᓂ ᑭᐦ ᐊᐧᐧᐸᐦᑕᒧᑐ
ᐊᓄᐦᐨ ᑭ ᐃᓱᐦᐃᐁᐧᐃᐧᑐ
ᑲᐦᑭᓴᓀ ᓂ ᒪᑎᐦᑎᐃᐧᑐ
ᐁ ᐳᓀᓱᐦᑕᒪᐃᐧᓴᑐ

4 ᒋᐯᐧ ᑭ ᑭᓴᐊᐧᑎᓱᑐ
ᐁᑲ ᐁ ᑭᓱᐊᐧᐦᐃᐃᒋᑊ

▽b· İLb σ Δ· ᓐᑐᔪ
b Pᑊ ᐊᓗᑕᒪΔ·ᒃᔪ

---

51. ᐊᐊ·ᓗᓗ σbᒧᔪ

1 ᑭᓴ ᒥᔭ·ᓂᒧΔ·ᔪ
ᐋᑲ·ᑊᑊᓄᓂ ᐊᑎPˣ
ᐅbᓐᑎᑎᓗᐊ·ᑊ
▽ ᐊᓱᑭᑊ
İᒪᑊ b σbᒧᑭᑊ
▽ ᒥᔨᑊᑊᑕdᓗᑭᑊ
ᐅΛİᒪᑭᑊΔ▽·ᓂ
ᒪᒥᑊᑭİᒪᓂ

2 V ᓐᑕᒧᑊ ᐅL
ᒥᔨ ᐊᑎP
ᑦᓂˣ b ᐊᓱᔭᑊ
▽ Vᑊᐅᔭᑊ

ᐁᑯᑕ ᕫ ᐊᓱᐦ
ᓯᐯ· ᒥᔪ·ᓂᒧᐃᓐᓄ
ᓰᑲ ᑎᐯᓂᐦᑭᕫᐣ
ᐁ ᐃ·ᕫᐊᑯ·ˣ

3 ᑲᐦᑭᓴᓄᐤ ᐁᑯᑕ
ᓰᑲ ᐊᓱᓭᑦ
ᑲᓀᐁ·ᓂᒥᑲᑦ
ᑯᐦᓯᐃᓀ·ᓀᐤ
ᑭᐦᑭᘃᒧᑦ ᐃᒪᑲ
ᑭᑕ ᑭᐦᐦ ᐅᑎᐦᐢᒪᒪˣ
ᐃᘁᐱᒥˣ ᓰᑲ ᐊᓱᐦ
ᑭᐦᐦᐃᓂᓂᐃᓐᓄ

---

52. ᐊᐊ·ᓯᓯ ᓂᑲᒧᐣ

1 ᐱᕈᓂ ᑭᐦᐦ ᐃ·ᕫᐊ·ᑭᐦ
ᐃᘁᐱᒥˣ ᐁᐣᓰᔨᐊᐦ

ᓂᒃᑕ ᑭᑕ ᐃᓕᓴᐅᔨᖅ
ᑲ ᐊᓗᓕᓴᐅᑎᑦ
ᑎᓴᒃ ᓄᐱᒪᑦᓴᐃᐅᓪᓕ
ᑭᑕ ᑭᓲ ᐋᓐᕿᒪᑦ
ᒥᓇ ᑭᑕ ᓇᓀᒃᑯᒪᑦ
ᒥᔪᓐᓗᒧᐃᓐᓂˣ
2 ᐅᑯᑕ ᓇᒪ ᐃᓐᓲᖅᑐ
ᓂ ᖅ ᐊᔪᒃᑯᓕᓪ
ᓇᒪ ᐃᓐᓲᖅᑐ ᓂ ᖅ ᐃᒪᓪ
ᓇᒪ ᖃᖅ: ᓂ ᖅ ᑯᒃᑐᓪ
ᓂ ᖅ ᖅᓇᐅᓐᓗᒥᑦ
ᑎᓴᒃ ᐯᒪᑦᓴᐟ
ᓂ ᖅ ᐃᓐᑭᓲᓴᐃᐋᓪ ᐃᒪᖅ
ᐅ ᓀᓂᖅᒧᒃᑕᓲᓕᐟ
3 ᓂ ᑭᒃᖃᓗᓲᑐᓪ ᒡᐯᓐ
ᐅ ᓴᓴᐃᓐᓕᔨᖅ

ᐃᒃᑲᓕᕐᒪᑦ ᐊᐃᓐᓂᔪᓂᑦ
ᑭᓱᑦ ᐱᐃᒪᓕᕐᕕᐅᓄ
ᓂᔭ ᒥᓄ ᓂᐱᐃᔭᓄ
ᐅ ᑭᓱᑦ ᐅᑎᓂᓪ
ᐅᔪᑭᔨᐊᑦ ᐯ ᐃᑎᓴᓕᕐᐅᑦ
ᑕ ᓄᐯᕐᓕᕐᓕᐃᑭᑦ

4 ᐅᑯᑕ ᐃᒃᑲ ᐃᒡᐱᒥᒃ
ᓂ ᑲ ᐃᓐᖁᐃᓐᐊᓐᑦ
ᓂᒡᑕ ᑭᑕ ᐃᓄᓕᕐᐅᐃᖅᓱ
ᑲ ᐊᓗᓄᓕᕐᐅᑭᑦ
ᑭᓱᑦ ᓄᐱᐃᒪᓕᕐᓕᐃᐅᕐᑦ
ᑭᑕ ᑭᓕᕐ ᐊᐃᓐᓴᒪᑦ
ᒥᓂ ᑭᓕᕐ ᓀᐃᓐᑯᒪᑦ
ᒥᔪᓐᓇᒍᐃᓐᓂᒃ

---

53. ᓂᑲᒪᓐ

1 ᑭᓱᐃᓗᐊᑦ ᓂ ᒪᓂᓕᑦ
ᑭᓱᐃᓗᐊᑦ ᑭᒃ
ᐁ ᐃᓕᑕ ᐊᓯᒪˣ
ᐁᑊᐱᓂᑯᓯᒃᓐ
ᑭᓯᒃᑦ ᓂ ᓂᑲᒪᓐ
ᑭᓱᐃᓗᐊᑦ ᓂ ᒪᓂᓕᑦ
ᑭᓱᐃᓗᐊᑦ ᑭᒃ

2 ᐁ ᐊᑐᓂᓱᓂᒃᓐ
ᐸᑊᑭᓱᒪᓐ
ᐁ ᑎᐱᓵᑭᓵᒃᓐ
ᓂᑦ ᐊᔪᑐᐱᐃᓐ
ᓂ ᑲ ᐃᑦᐸᑊᑌᓐ
ᐁ ᐯᓴᑐᐸᒥᑦᓐ
ᑭᓱᐃᓗᐊᑦ ᓂ ᒪᓂᓕᑦ
ᑭᓱᐃᓗᐊᑦ ᑭᒃ

3 ᑭᒃᓯᑦ ᓂ ᒣᑦᑲᓇᓄ
ᑲᑕ ᓄᑲᓵ
ᑭᓱᑯˣ ᐁ ᐃᓱ
ᐸᔭᐦᑌᒧᒍᓵ
ᐁᑐᕕᐊᓵ ᐃᑎᐱᒥˣ
ᑭᑎᑭᓄᑦᑦᐃᑭᓵ
ᑭᓱᐊᓵ ᓂ ᒪᓂᑐᑦ
ᑭᓱᐊᓵ ᑭᔭ
4 ᐁᑲ ᓂᐸᖏᔭᓄ
ᑭᔭ ᒥᓇ
ᑭ ᓇᓇᑎᑯᒥᑎᑐᓵ
ᐯᒪᑭᐦᐃᔭᑐᓵ
ᐁ ᐊᔨᓕᒥᓱᔭᑐᓵ
ᑭ ᐯᓴᓕᓕᒥᑎᑐᓵ
ᑭᓱᐊᓵ ᓂ ᒪᓂᑐᑦ
ᑭᓱᐊᓵ ᑭᔭ

5 ▽ ᒥᔭᐊᓐᓀᒪᓗ
ᑭᓯᐢ ᐅᐦᑭ
ᓂ ᐊᓐᓂᑭᐢᑭᓯᓗ
ᐅᒪ ᐊᐢᑭ
ᑭᓴᓀ ᓂ ᓂᑲᒧᓗ
ᐁᐊᑎ ᓱᑎᑦᓗ
ᑭᓯᐊᓐᐢ ᓂ ᒪᓂᓗᓀ
ᑭᓯᐊᓐᐢ ᑭᔭ

---

54. ᓂᑲᒧᓗ

1 ᑦᐯᐧ ᑭ ᓇᓱᐢᐣᒥᑎᑎᓗ .
ᑭᔭ ᓄᐱᒪᒥᑦᐦᐃᐁᐧᓀ
ᑲ ᑭᐢᑫᐅᐦᑦᑕᒧᐦᐃᐁᔭᓗ
ᐁ ᑭᑎᒪᑭᓇᐃᐧᔭᓗ
ᑭ ᓇᓱᐢᐣᒥᑎᑎᓗ
ᑲ ᑭᐦᐦ ᐯ ᐱᒪᒥᑦᐦᐃᐁᔭᓗ

ᑭ ᑭᑦ ᑭᒃᑭᓂᐱᐊᒪᓕᐅᓐ
ᑭᑕ ᑭᑦ ᑭᒃᑫᓗᒥᑎᑉ
ᑭ ᓇᓀᒃᑯᒥᑎᑎᓐ
∇ ᑭᑦ ᐯ ᐱᐃᒪᑦᐃᐅᓴᑦ
2 ᑭ ᐸᑭᑌᓗᑦᑕᐃᒪᑎᓐ
ᑭᑕ ᑭᒃᑯᓂᑦᑕᑦᐃᐅᓴᑦ
ᑕᑦᑭ ᐃᒃ ᐯ ᐃ·ᖁᐃ·ᓐ
ᑭᑕ ᐱᒥᑎᓴᑦᐅᑉᑉ
3 ∇ᒃ· ᐃᒃ ᓂ ᒥᑢᒥᓐ
ᐊᓇ ᖁ ᑲᓇ∇·ᓗᒥ′
ᐃ·ᑭᑦᐃᓐ ᐃᒃ ᐅ ᑭᓴᒃ
∇ᒃ ᑕ ᐸᑭᑎᓂᑉᑉ
4 ᐃᒃᑯ ᐯᐃᒪᑦᓭᐊ·ᓂ
ᖁᐅᐱᒻ ᑲᓇ∇·ᓗᒥᓐ
ᐃᒃᑲ·ᓴᒻ ᐃᒃ ᐅᑎᓂᓐ
ᐃᑕ ᑭᓴ ᑲ ᐊᐅᓴᓐ

55. ᓂᑲᒧᐢ

1 ᐯ ᐃᐧᐩᐦᑌᐠ ᑲᐩᑭᓴᓂᐤ ᑎᐅᓴᐯᐧᐩᐦᑕᒣᐠ
ᐯ ᐊᐧᐦᕮᒥᕽ ᐅᐱᐹᒪᑭᐩᐦᐃᐁᐧᐤ
ᐊᐣᓯᓯᓐᓂᕽ ᑭᐩᐩ ᐃᓯ ᓂᐩᐦᑕᐃᐧᑭᓂ
ᐁᑲᐧ ᒪᒥᐩᐦᑭᒪᑕᐠ
ᑭᓴᐢ X

2 ᑕᐯᐧ ᒪᓂᑐ ᑕᐯᐧ ᒪᓂᑕᕽ ᐅᐩᐦᑭ
ᐁᑲ ᑲ ᐊᑕᐁᐧᓯᐣᒥᓂᓴᕽ
ᑭᐩᐩ ᓄᓂᓯᓂ ᑭᑕ ᐱᐹᒪᑭᐩᐦᐃᓂᓴᕽ
ᐁᑲᐧ ᒪᒥᐩᐦᑭᒪᑕᐠ
ᑭᓴᐢ X

3 ᓂᑲᒧᐠ ᑭᓴᐊᐧᓂ ᐅᐱᐹᒪᑭᐩᐦᐅᐊᐧᐠ
ᒥᓇ ᐁᐢᑭᓭᐊᐠ ᑭᐩᐩᑭ ᑭᓯᓂᔪᕽ
ᒪᒥᐩᐦᑭᒥᕽ ᐄᐊᐧᐦᐣ ᐁᐟᐱᓓᐩᐦᑕᓂᓯᐟ
ᐁᑲᐧ ᒪᒥᐩᐦᑭᒪᑕᐠ
ᑭᓴᐢ X

4 ᐃᒪᒪᐃ· ᓂᑲᒧᓕᑯᓯᐢ ᑭᓴᓐ
ᐃᒪᒪᐃ· ᑲ ᑎᐯᐳᒥᑯᓴˣ
ᐊᐳᓯᐳᓂˣ ᑭᑊᑊ ᐃᓯ ᓂᑊᒋᐃ·ᑭᓄ
ᐁᑲ· ᒪᒥᑊᑭᐱᒋᓯᐢ
ᑭᓴᓐ X

---

56. ᓂᑲᒧᐢ

1 ᐃᑊᕆᑲᔭᐢ ᐁ ᒥᐅᓴ·ᓯᐢ ᐊᓐᑭ
ᐋ·ᑊᑊᓴᓄ ᐅᑊᑭ ᑭ ᐋ·ᕮᑊᑌᓀᓄ
ᑯᑊᒋᐃ·ᓀᓄ ᐯᑊᐅ ᐁᑯᑌ
ᐁ ᑲ·ᐅᑭᑊᒋ·ᕮˣ ᐃᑊᒋᐃ·ᔭ
ᐁᑯᑌ ᕮᑎᓭᒪ
ᑲ ᓀᑭᓐᑲᔪᐅᓀᓄ ᒥᓀ ᕮᑎᓭᒪ
ᐁᑯᑌ ᕮᑎᓭᒪ
ᑲ ᓀᑭᓐᑲᔪᐅᓀᓄ ᒥᓀ

2 ᑲ ᐃ·ᒋ ᓂᑲᒧᐃᓚᓀᐊ·ᑦ
ᐊᔪᑉ ᑲ ᒥᔪ·ᓄᒧᒍᑦ
ᓀᒪ ᐃ·ᐦᐣᑲ⁻ ᒥᓀ ᐁᑯᑌ
ᒋ ᑲ ᓀᓂᐦᐣᑲᑌᓄᒧᓀᓂᐤ

3 ᑯᐦᐣᑉᐃ·ᓀᐤ ᐃᐢᐱᒥˣ ᐁᐅᑦ
ᑲᒋᕐᑫ ᑲ ᒪᒥᐦᐣᒋᓚᓀᐤ
ᐅ ᒋᔭᐊᑊ·ᑎᓯᐃ·ᓄ ᐁᐅᑦ
ᐊᓄᐦᐣ⁻ ᖁᑲ·⁻ ᒥᓀ ᕿᑎᑦᒪ

---

57. ᓂᑲᒧᓄ

1 ᒋ ᑲ ᓀᒋᐢᑲᔨᓀᐤ ᒋ
ᐊᑲᒥˣ ᓂ>ᐃ·ᓂˣ
ᐃᑕ ᑲᒋᕐᑫ ᐊᑊ·ᔭᐅˣ
ᒥᔪ·ᓄᒧᐃᓄᓄᐊ·ᑦ ᐁᐅᑦ
ᑲ ᓀᒋᐢᑲᔨᓀᐤ
ᑲ ᓀᒋᐢᑲᔨᓀᐤ

ᑭ ᑲ ᓇᑭᓂᑲᑐᓇᓂᐤ ᑕ

ᐊᐃᑲᒥˣ ᓂ>Δ·ᓂˣ

2 ᑭ ᑲ ᓇᑭᓂᑲᑐᓇᓂᐤ ᑕ

ᑭᐣ ᐅᑎᐣᑕᐣᐊᒪᐣᑯ

ᐊᓂᒪ ᒥᓴ ᑲᐸᐃᓕ

ᐁᐃᑲ ᖳ ᓇᑲᑕᒪˣ

3 ᑭ ᑲ ᓇᑭᓂᑲᑐᓇᓂᐤ ᑕ

ᒪᓂᑐ ᐃᐣᒋᐃ·ᓂˣ

ᒪᓂᑐ ᐅᓭᐣᑕᑲᓇ

ᖳ ᒪᓂᑲᓀᐊᐱᓭᓇˣ

4 ᐃᑕ ᒋᐯ· ᓂᑲᒧᐃᓕ

ᐁᖳᓄᐟ ᖳ ᐯᐣᑕᒪˣ

ᐁ ᐃᒪᐃ·ᐣᒋᑯᓭᑕᐠ

ᐄ ᑭᐣ ᐱᐃᒥᐣᐃᐣᑕᐠ

5 ᑲ ᓇᑭᓂᑲᐊ·ᓇᐊ·ᐟ ᑕ

ᐄ ᑭᐣ ᐊ·ᓂᐣᐊᓄᐣᑯᐠ

ᑲ ᓇᑐᐦᑕᑯᓂᓇᐊᓚ ᒪ
ᒥᓇ ᑯᓚᐦᐃᑐᓴᐦᐁᒃ

6 ᑭ ᑲ ᓇᑭᔭᑲᑯᓂᓇᓄ ᒪ
X ᐅᐱᒧᒪᐦᐃᐁᐯᓄ
ᑭ ᑲ ᑭᔮᔨᒧᓇᓄ ᒪ
ᐯ ᓇᑐᒥᔪᐦᐁᒃ

---

58. ᓂᑲᒧᑐ

1 ᖃᕆᐅᓴᕐᕈᑦ ᐃᔭᐱᒥᙵ
ᑲ ᒥᔪᓂᐦᐁᐦᑕᑲᓚ
ᖁᑐᓂᐦᐁᐦᑕᒋᒧᓂ
ᐃᔪᑲᔭᑲᓂᓄ ᓂ ᑌᐦ
ᓇᒪ ᓂ ᑭᔭᔨᐦᐁᑐ
ᒥᔪᓂᐦᒧᐃᐃᓇ
ᒥᓇ ᑭᐦᐊᓂᐃᐃᓇ·ᐃᔭᑦ
ᐊᑲ ᑯᐦᓴᑲᑭᔪᑐ

2 ᓂᐸᐃᓐᐊᓕ ᐃᓗᓕᓂˣ
ᐁ ᓀᓂᑲᒪᒻᓕ
ᐊᑦᓴᖏᑲᒪᓕ ᐁᔭᑭᕕᐊᑦ
ᐅᑉᒥᓀᒋᑲᓀᑦ
ᑲ ᑎᐯᓗᒥᑯᑭ
ᑭᓭᑲᓀᒧᒃᓕ
ᐅᐟ ᐃᑉᒋᐃᓐᓂᐊᑦᐊᓐ
ᒥᐅᓗᓐᓭᓗᐊᓐ

3 ᐁᑯᑕ ᓀᒪᐃᓐᓗ
ᖃᒃ: ᐊᓐᓴᑉᐃᐁᓐᓄ
ᐯᑉᒋᒃᓐ ᓂᒃᒧᐃᓐᓐ
ᒋᐯᓐ ᒣᓶᑉᒋᒃˣ
ᑕᑉᑐ ᑲ ᓄᑯᑉᒋᓐᑭᑦ
ᐁᑯᑕ ᑲᑭᖃᖅ
ᐁᒃᓐ ᐊᓐᐱᖏᑉᐅᐊᓐᓗ
ᒥᕆᓐᓗᒧᐃᓐᓂˣ

59. ᓂᑲᒧᐊ

1 ᒪᓴᑦ ᑕ ᐃᓕᒪᓕᑦ
ᐁᑲ ᑎᐯᐅᐦᑭᕐᓂᖅ
ᐁᐊᓕᐧᑯ ᐱᐃᒪᑎᓯᐃᓐᓄ
ᐁᐁᑲ ᓂᐅᒪᑲᕽ

ᐅᑕ ᐃᓕᓴ ᐊᒋᑭᕽ
ᓇᒪ ᓂ ᐊᐧᐦᑕᐦᑌᓄ
ᑕᐦᑐ ᑎᐱᒋᑲᓂ ᐁᓯᐁᓕᙵ
ᑭᓯᐊᐧᑦ ᓄᑎᐦᑌᓄ

2 ᓄᐦᑦᑖ ᑭᓕ ᐃᐦᑦᑖᐃᓐᓄ
ᐃᒋᐱᒥᕽ ᐁ ᐊᐧᑦᓴᑦ
ᐊᐧᒋᓂᓂ ᓂ ᑦᐯᓕᐦᑕᒪᐃᓐᓄ
ᐊᐧᐦᑕᐦᑌᑕᒪᓂᖅ

3 ᑦᐯᓕ ᓂᓕ ᐊᐦᐁᐦᑯᕽ
ᓂ ᒪᒋᑕᐁᓕᓯᐦᑌᓄ

ᐅ ᒥᔪᓂᓕᒍᐃᓂᒋᐊᓂᐠ
ᐅᑲᓇᒥᐦᐅᐊᑦᓂ

4 ᒍᓂᑦ ᑕ ᐃᓂᒪᐊᑦᓂ
ᑲ ᑎᐯᓕᐦᒥᕈᕽ
ᓄᐦᑦ ᑎᐱᐸᓕᐦᐢᐃᓂᔅ
ᕈᓴ ᕈᐟ ᐃᑌᓂᐃᓂᔅ

---

60. ᓂᑲᒍᔅ

1 ᐁᓕᑯᐦᕈᓐᓕᒍᑦ
ᐁᓴᒥᐦᐋᓯᔪᑦ
ᑲ ᓂᑲᓂᐟ ᒥᔪᑦ
ᐱᒥᑎᔪᐦᐅˣ
X ᐃᓂᓴ ᕈᐦ ᐃᓂᐦᑕᑦ
ᑕ ᓂᑲᓄᐦᑦᑕˣ
ᕫᑲ: ᕫ ᑯᑦᑕᒪˣ
ᕈ ᐃᓂᕫᓄᓂᓀ

2 ᑲᑕ ᑕᐸᓯᐊᐧᐦ
ᐞ ᑯᐢᑖᓴᐣᓂᐦ
ᑭᐣᑭᐢᑕᒧᐦ ᐃᒃ .
ᐱᐃᒪᑎᓯ ᐃᐧᐣ
ᑲᑕ ᐃᐧ ᐯᐣᑖᒃᐣ
ᐁ ᓂᒃᒧᓴᐅˣ
ᐁ ᒪᒥᐣᑭᐃᒪᓴˣ
ᐞ ᓀᑕᐃᒪᑕˣ
3 ᑭ ᐱᒧᐣᑖᑌᓀᐤ
ᐃᑕ ᐃᐧᐢᑖᐊᐧᐤ
ᐞ ᑭᐣ ᐱᒧᐣᑌᑭᐦ
ᐯᐃᒪᑭᐣᐃᐣᑭᐦ
ᑭ ᐃᐧᕁᑯᓀᐊᐧᐦ
ᒥᓀ ᑲᐣᑭᓴᐤ
ᐅᑖᐯᐧᐣᑕᒧᐊᐧᐦ
ᒥᓯᐁᐧᐢᒃᒥᐦ

4 ᐱᓂ ᖃᒃ: ᐅᑕ
ᑕ ᓄᓕᑐᐸᓪᓚᐅᓂ
ᐃᒃ ᐃᑦᑕᖏᑦ ᑭᓴᖅ
ᐃᒃᑭᖃᖅ ᐊᐃᓴᓂ
ᐱᐃᒪᓕᖅᐃᐅᓕᓐᓄ
ᐃᒃ ᑭᓕᖅ ᑭᓯᓕᖏᑦ
ᐃᖅᓂ ᖃ ᐊᖅᑭᐊᓚˣ
ᑲᑕ ᐃᓕᓴᒃᓄ
5 ᑭᓕᑭᖅᑕᒧᑦ ᐃᓗᒃ
ᐯ ᐃᓐᖁᐃᓐᓇᓄ
ᐊᓪᓚᓯᓪᓂᑎᑦ
ᒥᓯᒪᓕᖏᑦ ᐅᓯᓐᓄᒪᑦ
ᓂᒃᓗᒧᑦ ᐅᒃᓐ
X ᓚᒥᓕᓕᓂᒃᑕ
ᐃᖅᐱᒧᖅ ᐅᐃᓴᑦ
ᐃᓐᖁᓕᐊᑦᑕᓂᑦ

61. σbJᑉ.

1 ḃ σ>ᒋᑕL△·ᓴᑉ
ρ b ȧᑦᑕJᒋᑕᑎᑉ
ρᐅᓴᑦ ρᓴ ρ Γᑦd
σ ḃ ρᒥᒋᑎσᔪᑉ
σ LᒥΔᑦᑎΔ·ȡ
ᑦ ∇·ΛσḃUρ

2 ȡL σ b bᒋpᑦᑦᑉ
ρᓴ ԁᓴᔨ∇·△·ᑉ
ρᑦ ᑎΛᑐᑕᒪᑉ
σᓴ ᑎΛᓴᵒ ᐅᑦᒥ
ρᓴ Λԁ ρ b pᑦ
ᑎ<ᑦΔϥᒋᑕL△·ᑉ

3 L ϥb: σ ppᑉ
σ △· Jᑦᒥ LΓᔨᑉ

ᐅ ᑭᐣ ᐊᑕᒪᐃᓕᔪᐊ
ᐁ ᓂᐳᖏᑕᒪᐃᓕᔪᐊ
ᐅ ᐅᐱᐃᒪᑭᐣᐃᐁᓄ
ᐯᐣᑭᐣᐃᐊ ᐱᐃᒪᑭᐣᐃᐊ
4 ᐁ ᒣᑉᓄᐱᐃᒪᑎᑦᓂᔪᐊ
ᒥᓇ ᓇᑲᑕᒻᓱᓄ
ᐃᖏᐱ ᓇᑭᖏᑕᓱᓄ
ᐃᖏᑉᓄᓴᒃ ᑭᓯᑲᕐ
ᐅ ᓂᐳᖏᑕᒪᐃᓕᔪᐊ
ᑭ ᑲ ᓇᑦᒧᒋᑕᑎᐊ

---

62. ᓂᑲᒧᐊ

1 ᑭᓴᖏ ᑭ ᓇᐊᒥᑯᓇᓄ
ᐁ ᒣᑉᓄ ᐊᐅᒥᓯᓴᕽ
ᕆᐣᐊ ᑭᓯᑲᓄ ᐯ ᐃᑌᓄ
ᐁᑲᓄ ᐯ ᐱᒥᑎᓴᐣᐅᐊ

2 ᐊᐸᖏᑕᕕᐊᓵ ᑭᐩᐩ ᐯᐩᑕᐃᓪᐊᓪᓵ
ᐁ ᒣᑦᓪ ᐊᑐᖏᑲᓱᑭᓵ
ᑭᐩᐩ ᓇᑲᑕᒪᓪᓵ ᑲᐩᐩᑭᓴᓂ
ᑭᑕ ᐱᒥᑎᓵᐊᑦᓭᓵ
3 ᑭᓵᖏ ᑭ ᓇᑐᒥᑯᓇᓂ
ᐁ ᒣᑦᓪ ᑲᖏᐩᐩᑭᑫᓴᕽ
ᐃᓪᓴ ᑭ ᐯ ᐃᑎᑯᓇᓂ
ᓇᐊᓪᒃ ᓂᓴ ᐄᓵᑭᐩᐩᐃᓴᑐ
4 ᐁ ᒣᑦᓪ ᒥᓴᐊᓪᑕᒪᕽ
ᒥᓇ ᐁ ᐊᓲᒥᓯᓴᕽ
ᑫᐄᓴᐱᒃ ᐃᓪᓴ ᐄ ᐃᑌᓵ
ᑭᐄᓴᑦ ᓂᓴ ᐯ ᐄᓵᑭᐩᐩᐃᓐ
5 ᑭᓵᖏ ᑭ ᓇᑐᒥᑯᓇᓂ
ᐱᑕᓂ ᐄᒪᑲ ᐯᐩᑕᐊᓪᕽ
ᑭ ᑌᐩᐩᐃᓇᐊᓪ ᒥᐄᓴᓴᕽ
ᑦᐯᓪ ᑭᑕ ᐄᓵᑭᐩᐩᐊᓵᓴᕽ

63. ᓂᑲᒧᐃ

1 ᖃᑲ: ᐯᐦᒋᑯᓱᒪᑲˣ
ᕿᑯᓂ ᑭᓴᑦ X
ᐃᓕᓂᑎᑦ ᐱᐦᐁᑲᐦᐃˣ
ᐱᐦᓱ ᑭ ᑌᐦᐃᐊᑯ·ˣ

2 ᕿᑯᓂ ᕿ ᐊᐱᐦᑯᓀᐟ
ᐅᐦᐅ ᐃᓕᓂᐊᑦ·
ᑲ ᒪᐦᑭᑲ·ᐦᐱᑎᑯᓕᓂᐟ
ᒪᑭᒪᓂᐁᐊᑦ·

3 ᕿᑯᓂ ᑭᕿ ᐃ·ᑭᐦᐊᐟ
ᑲ ᑎᐱᐢᑭᓱᓕᐟ
ᒥᓇ ᕿ ᐊᑊᐢᑌᓇᒪᐊᑊᐟ
ᐁᑲ ᑲ ᐊᑊ·ᐱᓕᐟ

4 ᕿᑯᓂ ᒥᓇ ᕿ ᒣᑭᐟ
ᒥᔪ ᐊᑭᒧᒪᐃᓐᓂ

ᑭᑕ ᑭᑎᒪᓂᓕᒻ
ᓂᑎᒪᑭᓯᓕᒻ
5 ᐅ ᑭ ᓂᑲᒧᑦᑕᑎᓱᐊᕐᓗ
ᑲ ᑎᐯᓕᒥᓕᕆᓂᖅ
ᑭ ᒪᒥᖅᑭᒥᑲᓴᑦ ᒥᓱ
ᑲᖅᑭᕆᐅ ᐅᔪᑦᑐᑦ

---

64. ᓂᑲᒧ

1 ᓂᐱᐅ ᐊᓱ ᑲ ᐃᑭᖅᐊᓗ
ᐊᓂᖅᐃ ᒪᔨᑎᑯᓕᒻ
ᐊᒃᑭ ᓱᓱᓱᒥᕐᔪᐅ
ᑲᒃᑭᑎᐱᒃᑲᐅ ᐃᒃᐱᒥˣ
2 ᐋᑦᑕᒥᑎᑦ ᐃᓕᓂᑎᑦ
ᑭᑕ ᒥᑐᓴᖅᑕᒪᑦ
ᐅ ᑭᖅᑭ ᐃᑭᖅᐃᐅᐁᐃᓐ
ᐊᓱ ᑲ ᓂᐳᒃᑕᒻᒪᑕˣ

3 ᑭᓵ ᐊᓴᓗ ᑭᙳ ᐊᐱᓕᓕᔪ
ᑕᕐᔨᑐᒥᑯᕽ ᐅᙳᑭ
ᐁᔪᑎᕋᐃᑎᖅ ᐃᓅᓂᓪᒧᖅ
ᐄᒪᒪᐃᓗ ᒥᖅᐊᑦᓭᒧᖅ
4 ᐃᓅᓂᑎᖅ ᓄᓂ ᐄᑐᖅ
ᑭᓴᑦ ᐁ ᑎᐯᔨᙳᑭᕐᕿᖅ
ᓂᐱᐃᓐᔪ ᑲ ᐅᓴᑭᙳᑦᑐᖅ
ᒥᓇ ᒪᑭᒪᓂᔪᐊᓗᓐ
5 ᐅ ᑲᑭᕐᓀ ᐱᐄᒪᑎᓕ
ᑲ ᑭᙳᑭᐅᑭᓯᐃᓐᓴᔪ
ᑲ ᑭᙳ ᓂᙳᒋᐃᓐᑭᓴᙳᐸᔪ
ᑭᑕ ᐱᐄᒪᑭᙳᐃᐁᓐᓴᔪ

---

65. ᓂᑲᒧᔪ

1 ᐊᓴᓗ ᐃᔪᙳᑌᓂ ᑭᓴᑦ **X**
ᐃᖏᐱᒥᕽ ᑭᙳᑭᑭᓕᑯᕽ

>σ ᐊᑦ·Δ·ᓴᑫᓗᑦᑕᑦ
ᓇᒪ ᒥᓇ ᑲᑕ σᐱᓄ
ᑲᑭᑫ ᑕ ᐱᐃᒪᑎᓯᓄ
ᒥᓇ ᑭᑦ ᐊᓯᑕᐃᒪᑫᓄ
ᑲᑦᑭᓗᓄ ᑕ ᐱᐃᒪᑦᑦᐊᑯ'
ᐊσᑦᐃ ᕫ ᑦᐯ·ᑦᑕᑯ'
2 ᑭ ᑭᑦᑭ ᐅᑭᐃᒥᓇᓄ
ᐊᓇ ᑲ σ>ᑦᑕᐃᒪᑕˣ
ᑭ ᑲᓇᐁ·ᓗᒥᑯᓇᓄ
ᑭ' ᐊᓴᒥᑦᑕᐃᒪᑯᓇᓄ
ᑭ ᑲ ᐊᑦ·<ᑦᑎᓗᑯᓇᓄ
ᑭᑦᒥᑭᓯᑯˣ ᒣᑦᑲᓇᓄ
ᑭ ᑭᑎᐃᒪᑭᓀᑯᓇᓄ
ᑭ Δ· ᐱᐃᒪᑦᑦΔᑯᓇᓄ
3 ᐅ ! ᑲᑕ Δ· ᐯᑦᑦᑲ·ᓇ·
ᑭ σᑲᒧΔ·σᓇᐊ·

ᑕ ᒪᒥᐱᒻᒪᓕᕆᔨ ᐊᓐ
ᑭᐱᒃ ᑭᓱᑯᔨ ᑲ ᐊᐱᑦ
ᑲ ᐅᑯᑭᐱᒍᑦ ᓂᐱᐃᓐ
ᑲᐱᑭᕆᓂ ᑲ ᑎᐯᓕᐱᒍᔨ
ᑲ ᕿᑦᑭᐱᑌᓇᓕᑯᕆᔨ
ᐃᑦᑲᓐᐱᑌᑦ ᑭᐱᒃ ᑭᓱᑯᔨ

---

66. ᓂᑲᒧᑦ

1 ᑲ ᑲᓇᑎᓱᕆᑦ ᐊᐱᓗᔨ
ᐊᓐᑦᑌᓇᒪᐃᓐᓇᑦ ᒥᓇ
ᑎᐯᓕᐱᒍ ᑲ ᑐᑦᓕᔨ
ᒥᓇ ᑲ ᐃᑌᓕᐱᒍᒪᔨ
2 ᒧᕆᑊ ᑲᓇᐁᓐᓕᒥᓇᑦ
ᐁᑲ ᑭ ᒪᑭ ᑐᑦᓕᔨ
ᐅ ! ᑭᑦᑭᓂᐱᐊᒪᐃᓐᓇᑦ
ᕿ ᐃᓱ ᐱᓕᑎᓱᓕᕆᔨ

3 ᐸᐯ·Δ·ᐣ ᐊᑦ·ᐸᑦᑎᓂᔪᓐ
ᓂ ᑌᑦᐃᔪᓵᙵ ᐸᑭᑎᓀ
ᑲᕐᓀᐸᓄᓂᑦᑕᒧᐃᐣ
ᑕ ᑲᓀᐁ·ᓂᒥᑯᑦᓴᙵ

4 ᐅ ᐃᐣᑦᑕᑦᐃᔪᓐ ᐃᑕ
ᓂ ᒪᓂᐣᒥᔪᓐ ᐁᓴᑊ
ᐁᑯᑕ ᕐ ᐊᐸᖏ·ᐱᓴᙵ
ᒥᓀ ᕐ ᒥᐸᖏ·ᓂᒪᓴᙵ

---

67. ᓂᑲᒪᐣ

1 ᐅ! ᑲ ᓂᑦᑦᑕᐃ·ᑭᑦᑦᓴᐣ
ᑭᖃᐊᑦ·ᑎᓗᓂ ᐃᓐ
ᐸᓂᓂᑯᙵ ᒥᓪᓚᑦᑦᑲᑲᓐ
ᑭ ᒪᓗᓀᑦᐃᑲᑲᓐ

2 ᐅᑕ ᕐᑎᑭᒪᓗᓂᑊ
ᒧᐸᑊ ᑭᑦᑦ ᒥᑉᑲᒪᓵᑊ

ᐁᐧᐦᑎᑦᐃᐧᐅᓄ ᐁᑲ
ᓂᓕᐊᐧᐅᑕᑦᑭ
3 ᐅᑕ ᑲ ᐱᒧᒪᑦᐦᐃᐁᐧᐣ
ᐊᔭᒥᓂ ᑲ ᐅᐦᑭ
ᑭᓀᑫᐅᐦᑕᒧᑐ ᑲᑭᑫ
ᕆ ᐱᒧᑎᓕᔭᑐ
4 ᐅ ! ᑫᓀᓄᓂᐦᐊᒧᑫᔭᑐ
ᒪᐸᖏ ᐯ ᐃᐧᑫᐃᐧᐣ
ᑭ ᒥᐦ ᒪᓕᐧᓀᐦᐃᑲᑐ
ᓂᓕᑐᐦᕆᒪᐦᐃᑐ

---

68. ᓂᑲᒪᑐ

1 ᑫᑲ: ᑫ ᐃᐧᑭᐦᐃᑯᓕᖏᐦ
ᑲ ᐅᓀᑲᑎᓕᓕᖏᐦ
ᕆ ᑲᓀᐁᐧᐦᒥᒪᓕᖏᐦ
ᐁ ᐃᐧ ᒋᐯᐧᐦᐦᒋᓀᑭᖏᐦ

2 ᑭ ᒥᓴ ᐊᕆᒥᐃ·σˣ
ᒪᓯᓇᑦᐃᐩᑲᑌᓂ
ᑭ ᑲᓇᒋ ᕿᕿᑦᑫ·Δ·ᑐ
ᕿ Δ·ᑭᑦᐃᐊᑯᒋᑦ
3 ᐅ ! ᐃᓯᓀᑲ·ᑐ ᑦᐱᑦᑯ⁻
ᕿᑦᑲᓯᕿᑫ′ ᐱᓯᑦ
σᑦᑕ σ ᐊ·ᑎᑌᓀᒪᑯᑐ
∇ ᑎᐱᑦᑭᓯᓕᑐ
4 ᑦᐯ· σ ᓄᕇ·ᑦᑲᑦᐃᐊᑯᑐ
∇ Δ·ᑦᑕᒪᑯᓕᑐ
ᒋ <ᑲ·ᑕᒪᑐ ᑲᑦᑭᓕᓂ
σ ᒪᑭᑦᑎΔ·ᓀ
5 σ ᒪσᑐᑦ σ ᓴᑭᑦᑦᑐ
ᑭ ᑲᕕᑦᕕ·Δ·ᓀ
ᓀᒪ ᕕᑲ: ᐊᐊ·ᓯᒣ
σ ᒧᑦᑕ∇·ᓄᑦᑌᑐ

69. ᓂᑲᒧᐳ

1 ᐅ! ᓀᑎˣ ᐯᒪᒥᐦᐃᐁᐦᐟ
ᑭᓴᐊᑦᓂ ᒣᓂᓯᔪᓵ
ᑭ ᐃᐧ ᐁᐧᔨᑎᓯᐦᐦᐃᐞᐊᑦᓂ
ᑦᐯᐧ ᒥᓇ ᑲᕐᑭᐦᐦᑦᑕᓂ
ᑲᑦ ᑐᑦᑉ
ᐁᑲ ᐃᐧᓄ ᐃᔪᐧᓭᒧᓵ

2 ᑭᓭᐸ ᐃᒃ ᐯ ᓀᑎˣ
ᑲ ᑭᑎᐃᒪᑭᓯᔪᓵ
ᐊᓇ ᑲ ᑎᐯᓭᐦᐦᑭᑭᐟ
ᑭᑦ ᔪᐁᐧᓭᒥᑌᐟ
ᒥᓇ ᑭᑦ
ᒪᒥᐦᑭᒣᐟ ᒪᓂᑐ

3 ᐁᑲᐃᐧᓄ ᐃᑌᓭᒥˣ
ᓀᒪᓂ ᑲ ᐃᔪᐦᐦᐃᐟ

ᑭ ᑲ ᐊᕐᓇᒪᓂᐊᓐᓄ

ᑭ ᑲ ᐃᖏᐣᐃᓂᐊᓐᓄ

ᖏᐣ ᑕᑯᓗᔅ

ᖏᑕ ᐱᒪᒥᐣᐃᑕˣ

4 ᐅ! ᐃᒥᑐᓄᓕᐣᑕᒪ.ˣ

ᑲ ᖏᐣ ᑲᑲ.ᑐᖏᐣᑕᐟ

ᐯᐣᑕᒪ.ˣ ᑲ ᐃᓕ ᑌᐯ.ᐟ

ᐁ ᓂᐳᖅᑕᒪᓂᐊᕐᓵ

ᖏᐣ ᖏᓕᐣᒋᓄ

ᐅ! ᖏᓕᐸ ᒋᐯ.ᐣᒋˣ

---

70. ᓂᑲᒪᔅ.

1 ᓇᒪ ᓂ ᑲ ᓄᐯᐃ.ᓕᔅ

ᖏᑕ ᐊᓕᐳᒧᒪᔪ

ᒥᓇ ᖏᑕ ᖏᖅᑌᓕᐳᒪᔪ

ᓂ ᖏᐣᓕᐅᖏᓕᑦ

2 ᑎᓴᑦ ᓂ ᑭᐳᑕᐅᑭᒧᑦ
ᑭ ᑭᑫᓗᒥᑎᑐᑦ
ᑭᓱ ᐃᓱᓂᐳᑲᓱᐃᓕᓂˣ
ᓂ ᑲ ᐊᑦᐯᓗᒍᒧᑦ

3 ᐅᓇᑦᐱᒃ ᒪᑦᑲᐃᓕᓱᒪᒪᑲᑦ
ᐅ ᑭᐳᕈ ᐃᑌᓕᓕᓐᑐ
ᓂ ᑌᐳᐃ ᑲᓀᐁᓕᓐᓂᐳᑦ
ᐅ ᓀᓂᐳᕈᐃᓕᓂˣ

4 ᐃᑦᐱ ᐃᒃ ᓱᐯᓕᐳᑌᓴᑦ
ᐅᑕ ᐊᑦᑭˣ ᐅᐳᕈ
ᐅᐳᒋᐃᓕᓴ ᐅᑭᐳᕈᓗˣ
ᓂ ᑲ ᐸᑭᑎᓂᕆ

---

71. ᓂᑲᒧᑦ

1 ᓀᒪ ᓂ ᒪᒪᐳᒋᑯᒧᑦ
ᓂ ᒥᔭᓕᑎᓱᐃᓕᓐ ᐅᐳᕈ

σ′ ᐊᑦᐯᓗᒍᒍᓐ ᐃᒃ
ᑲ ᑐᑕᒪᐃᓵ′ ᑭᓴᑦ X

2 ᒃᑦᓴᑦ σ ᑭᐩᐩ ᐃᑌᓗᐩᐩᓐ
σ ᒃᓵᓴᑦᑯᐱᐃᒪᑎᓯᑐ
ᐃᑦᐱᒥˣ σ ᒃ ᐃᑐᐩᐩᑦᑐ
∇ ᒥᓪ ᐱᐃᒪᑎᓯᑦᓴᑐ

3 ∇ᒃᓵ ᐃᒃ σ ∇ᓵᐱᓂᓐ
ᐅᒪ ᐃᑌᓗᐩᑕᒧᐃᓵᓐ
σ ᐳᑦᑎᑦᕿᐠ ᐃᒃ ᑭᓴᑦ
ᐅ ᒃᓵᓴᑦᑭᑕᑎᓯᐃᓵᓐ

4 ᐃᑦᐱ ᐃᒃ ᓇᑕᐃᒪᓂ
ᓇᒪ σ ᒃ ᓴᕿᓵᓗᒧᐠ
ᑭᑕ ᐅᐩᑎᑦᒃᐃᓵᑦᒃᐊᓵᑊ
ᐯ ᐅᓴᓯᐁᓵᓯᐁᓵᑭ

---

72. ᓂᑲᒧᑉ.

1 ᐃᑲ ᐊᔪᖏᑕᐅᓵ ᑭᓴᒪᓂᔪ
ᐊᓗᒧᒥᕐᓵ ᑭᓵ ᐅᑭᒪᒥᐊᑦᐅ
ᐃᑲ ᑎᐯᓗᐳᑭᕐᑫᓵ ᒥᓵᐅᓵᖏᑕᓴ
ᒥᓀ ᐃᖏᐱᒥᕐᓵ ᐅᑌᓀᐃᓵᐃᓵᓂᕐᓵ

2 ᑭᓴᒪᓂᔪ ᐃᓵ ᐱᐃᒪᐳᐅᓄ
ᑲᐳᑭᓴᓄ ᐅᖏᐯᓗᒧᔪᑦᑕᑯᓵ
ᑦᐯᓵ ᐃᒃ ᑲᑕ ᐃᓵ ᓀᓅᖏᑕᓴ
ᐊᓂᐳᐃ ᑌᐸᐳᐊᐃᒪᑫᖏᒪᐊᑦᓵ

3 ᐅ! ᐅᑯᓵ ᑲᐳᑭᓴᓄ ᐅᔪᒋᕕᐊᓴ
ᐅᑕ ᑭᖏᑭᑐᐊᑦᓵ ᒋᓴᓴ
ᐃᑲ ᓂᓗᖏᒪᑕᕐᕿ ᒋ ᐅᐳᐱᓂᑕᕐᕿ
ᑭᐳᒋᑭᓵᑯᕐᕿ ᐅᑭᐃᐃᓵᐃᓵᓂᕐᕿ

4 ᒪᒥᐳᑭᐃᒪᔪ ᑲᓵᓴᖅᔪ ᔪᑕᐳᑦᔪ
ᓀᓀᖏᑯᐃᒪᑦᔪ, ᑭᖏᑭᑭᐃᒪᑦᔪ

ᐊᓀ ᐃᒪᐊ·ᒻ ᑲ ᑭᑐᓕᕆᓂᔪᓕᒃ
ᑲ ᐊᑦᐸᕆᑎᓕᐅᕐᓴ ᐁ ᐱᓕᕆᐃᐱᕋˣ

---

73. ᓂᑲᒪᔭ

1 ᓀᖏᑦᐃᒪᓕᒃ ᒪᓂᔭ
ᓄᖏᐱᒻ ᖃᖅᐊᑦᑎᓕᒃ
ᐅ ᑭᖅᐊᑦᑎᓕᒃᐃᓕᓴ
ᐃᑭᕈᖃ ᐁ ᐊᑲᓕᓵᖅ

2 ᐅ ᓕᕆᐃᑎᓕᒃᐃᓕᓴᓂˣ
ᐊᖏᑭᓵᓄ ᑭᕆ ᐅᓕᕆᕕᓄ
ᐅ ᑭᖅᐊᑦᑎᓕᒃᐃᓕᓴᓐ
ᐃᑭᕈᖃ ᐁ ᐊᑲᓕᓵᖅ

3 ᐃᑦᓴ ᐅᕆᑭᖏᒪᐁᑦᓄ
ᑦᕆ ᐯᐃᒪᓕᒃᓕᓵᓕ
ᐅ ᑭᖅᐊᑦᑎᓕᒃᐃᓕᓴᓐ
ᐃᑭᕈᖃ ᐁ ᐊᑲᓕᓵᖅ

4 ᐃᓐᓇᓗ ᒥᔪᑐᑦᐁᓂ
ᐅᑉ ᐃᓕᓂᒪ ᒧᐸᑦ
ᐅ ᑭᓴᐃᓐᑎᓯᐃᓐᑐ
ᐊᑭᕋ ᐁ ᐋᐃᓴᓕᑦ

5 ᑭ ᓴᐁᓐᓕᒥᑯᓇᓂ
ᐁ ᑭᑎᒪᑭᓯᓴᕽ
ᐅ ᑭᓴᐃᓐᑎᓯᐃᓐᑐ
ᐊᑭᕋ ᐁ ᐋᐃᓴᓕᑦ

6 ᓇᓐᑯᒧᒡᑦ ᒪᓂᒡ
ᐃᓐᓇᓗ ᕿᓴᐃᓐᑎᓯᑦ
ᐅ ᑭᓴᐃᓐᑎᓯᐃᓐᑐ
ᐊᑭᕋ ᐁ ᐋᐃᓴᓕᑦ

---

74. ᓂᐊᒪᑐ.

1 ᐁ ᐃᒪᓐᐊᑦᒪᑐ
ᓂᑊ ᐃᒋᐱᑐ ᐱᕕᑭ

ᓂ ᑌᐣᐃˣ ᐃᑦ ᐁ ᐊᐠᓗ
ᒥᐣᑫᐟ ᒪᑭᐣᑎᐃᓐᓄ

2 ᐅᐣᐅ ᓂ ᐊᓵᐸᐣᑐᓄ
ᑭᑎᑌᓕᒥᓂᐃᓐᓄ
ᓂᐣᑫᓕᒪᐃᓐᓄ ᐊᓂᒥ
ᐸᑲᓵᓂᐃᐁᓵᐃᓐᓄ

3 ᐅ ᒣᑎᑲᐃᓵᓂᓗᓄ
ᐅᐣᐅ ᐄᓇᑭᐣᑦ
ᓂ ᑌᐣᐃˣ ᐅᐣᑭ ᐁᓵᐱᓇ
ᑲᑫᐸᑎᓂᐃᓐᓄ

4 ᐅᒪ ᐅᑦ ᐁᑲᓵ
ᑫ ᒪᒥᐣᑭᒥᑦᑐᓄ
ᑭ ᑳ ᐄᑭᐣᐃᐃᑎᓄ ᒥᓇ
ᑭ ᑳ ᑦᐯᓵᐣᑦᑎᓄ

75. ᓂᑲᒧᑉ.

1 ᐱᒪᑎᓱᓄ ᐯᒪᑭᐣᐃᓗ
ᑲ ᐅᐣᑭ ᒥᔪᓕᓂᐣᑕᒪᑦ
ᐱᒪᑎᓱᓄ ᑲ ᑭᐣ ᓂᐱᓗ
ᒧᓴᑦ ᓂ ᑲ ᑎᐯᓕᒥᑦ

2 ᑲᑕ ᑭᑐᑌᓕᐣᑕᑯᓱᓄ
ᑭᓴᑐ ᓂ ᑭᐣᑭᐅᑭᒪᑦ
ᑕᐯᐧ ᓂ ᒪᒪᐣᑕᑯᓱᑐ
ᑲᑭᕐᕿ ᐁ ᐱᒪᑎᓱᓗ

3 ᑲᑕ ᓱᑲᐧᑕᑎᑐ ᓂᓴᓄ
ᑭᐣ ᓇᑲᑕᒪᓂᐤ ᐊᒋᑭ
ᐁᓕᐁᐧˣ ᐃᒃ ᕆᑌᒪ
ᓂ ᓵᐃᐧˣ ᓂ ᑲ ᐊᐧᕆᒪᓄ

4 ᒥᓇ ᑭᐣᑕᐧᑦ ᑦ ᐯ ᐅᓱᓄ
ᓂ ᑲ ᐊᐧᓂᖏᓂᑦ ᐃᒃ

ᑭᐸᓗᑲᒥᑯˣ ᐅᐱᑭ
ᐁᑲ· ᒥᓀ ᕿ ᐊᑦ·ᐸᒪᑊ

---

76. ᓂᑲᒧᑭ.

1 ᒥᔪᑦ·ᓗᒧᐊᑦ·ᑊ ᐊᓂᑭᕆ
ᑲ ᑭᐢᕿᓗᐃᒪᑭᑊ
ᑭᖁᒪᓂᑐᐊᑦ· ᒧᐸᑊ
ᑲ ᐃᖏᐱᐃᑯᒥᑭᑊ
2 ᐅ ᑲᓀᒥ ᐃᓗᓂᒪ
ᑲᐅᓐ ᑭᐱ ᐃ·ᑭᐱᐁᐣ
ᑭᐢᑕᓀᐣ ᑲ ᑐᑦᑯᓀᐣ
ᐊ ᑭᐱ ᐃᐱᑐᑕᐊᑦ·ᐟ
3 ᓀᐢᐱᐨ ᒪᓂᑐᐃ·ᓀᑯᓯᐣ
ᐅ ᐊᑦ·ᐢᑲᐱᐃᑲᓂˣ
ᐁᑯᑕ ᐃ· ᐃᑐᐱᑌᑦᑊ
ᑭ ᒥᔪᑦ·ᓗᒧᐅᓐˣ

4 ᐅ ! ᒪᓂᑐ ᐃ·ᑭᑦᐃᓇᓪ
ᑭᑕ ᐸᑭᑦᐃᑦᕽ
ᐁᑲ· ᕿ ᒪᒥᑦᑦᕽ
ᐃᐟᐱᒥˣ ᑭᓯᑯˣ

---

77. ᓂᑲᒧᑐ.

1 ᐃᒪᐊ·ᒣ ᓭ'ᓀᑦᑲᑎᑭᓯᓴᑐ
ᓄᐳᐟᑕᒪᐃ·ᓴᑐ
ᑭ ᑭᓴᐊᑊ·ᑎᓯᐃ·ᓇ
ᓂ ᑲ ᐃ· ᐊᑭᑦᑌᑐ

2 ᑭ ᐃ· ᐊᐟᐯᓗᒧᑦᑎᑐ
ᐅᑭᕿ ᐅᑭᕿ
ᑭ ᒥᓀᑐᑦᕿᐃ·ᓇ
ᓂ ᐃ· ᐊᓗᒧᒌᑐ

3 ᓂ ᑲ ᐱᒧᑦᑦᑐ ᒣᐟᑲᓇˣ
ᑭᓯᑯˣ ᐁᑕᒧᑊ

ᒪᑦᒋᐃ· ᐁ ᐃ· ᐊᓗ·ᐸᒪᑉ
ᓭᑕᐱᒃ ᒃ ᓴᑭᑦᐊᑊ

4 ᓭᔪᑦᒃᑌᓗᓕᒍᓂᔪᓂ
ᐁ ᒪᒋᑐᑎᒍ
ᓂ ᒃ ᓭᑐᑎᒪᐊᓗ·ᓂ X
ᑭᑕ ᒃᓵᒋᑦᐃᑊ
5 ᓂ ᒃ ᐃ·ᑦᑌᑐ ᓂᑊ ᐅᑭᒪᑦ
ᐁ ᑭᑦ ᓴᐊᒋᑦᑎᒋᑊ
ᒪᒋ ᓗᑦᒃᑎᑎᓗ ᐃ·ᓭ
ᒃ ᓚᒋᑦᐃᐊᔪᒍᑐ

---

78. ᓂᒃᒪᑐ.

1 ᐅ ! ᒃ ᑕᔪᓭᑐ ᐊᑎᑭˣ
ᑕ ᑭᑎᑭᓚᑦᐊᒪᕐᓂᒍᑐ
ᑭ ᒥᓱ ᓴᑭᑦᐃᐁᐧᐃ·ᐃᓐ
ᓂ ᑌᑦᐃˣ ᐯ ᐸᑭᑎᓭ

2 ᐁᑯᑕ ᑲᑕ ᑲ·ᑦᑯᑌᓂ
ᕿ ᐅᑦᑭ ᒥᓴᐊ·ᑕᒪᓗ
ᐁ ᖃᑲ· ᐱᒧᑦᒋᑕᒪᓗ
ᑭ ᒥᓱ ᐊᓴᒥᐃᓂᓇ

3 ᐅ ! ᒪᐢᑲᐃᓂ·ᑦᒋ ᓂ ᑌᑦᐃˣ
ᑲᑦᑭᓴᓂ ᑲ ᒥᑦᓴ·ᓯᑭ
ᓂ ᒋᐯ·ᔪᓕᐣᑕᒧᐃᓐᓗ
ᒥᓇ ᑭ ᑭᑦᑭ ᒋᐯ·ᐃᓐᓗ

4 ᒧᓴᑦ ᑭᐢᑭᓄᑦᐊᒪᐃᓐᓗ
ᐅᑕ ᑭᑕ ᒋᐯ·ᑦᒋᒋᓗ
ᐁᑲ· ᕿ ᒪᒥᑦᑭᒥᒋᓗ
ᐃᐢᐱᒥˣ ᐊᑦ·ᐸᒥᒋᓂᓄ

---

79. ᓂᑲᒧᓗ

1 ᐊᑦ·ᐢᑲ ᑭᑦᑭ ᐊᐱᐃ·ᓂˣ
ᓭᐢᐱᐧ ᒥᑦᑫ′ ᓂᐸᐃ·ᐊ·ᑦ

ᐊᒃ ᑭᐣ ᐱᓯᒪᑭᐣᐃᓄᑦ
ᐁ ᓇᓂᒃᒪᒧᑕᕆᓚᑦ
2 ᐃᒧᑭᕽ ᐁ ᐁᒧᒃᓱ· ᐃᓴᒪᑦ
ᑭᐣ ᓇᓱᐣᒃᑌᑐᒪᐃᐃᓱᑦ
ᐁᒃ· ᐁ ᒥᔪᐃ·ᑕᐣᑭᑦ
ᐃ·ᑕᐱᒣᐃᓱᑦ ᒪᓴᓴ
3 ᓇᒪᐃ·ᔪ ᒧᓭᐣᑦᐃᓱᑦ
ᒪᑭᐣᑎᐃ·ᓗ ᐃᐣᐯᓭᐃ·ᓗ
ᒪᑐᐃ·ᓗ ᐃᐳᒥᓭᐃ·ᓗ
ᒃᐣᑭᔪᓂ ᑭᐣ ᓇᒃᑕᒪᑦ
4 ᐊᒃ ᑭᐣ ᓂᐳᖏᑕᒧᑭᑦ
ᒧᓴᑦ ᓂᒃᒧᑭᑕᐁ·ᐃ·ᑦ
ᐁ ᑭᓭᒃᑦ ᐁ ᑎᐱᖏᒃᑦ
ᐊᒃᑭᑫ ᒪᒥᐣᑭᒣᐃ·ᑦ
5 ᑭᖏᑌᐳᐣᑦᑕᓭᓭᓂ ᐃᓇ
ᐅ ᒥᐣᐯ ᐊᒃ ᑭᐣ ᓭᑭᓇᕽ

ᑭᑕ ᐱᒧᒪᑦᐃᑯᓗᕐᕋ
ᐁ ᑭᑦ ᓂᐳᖏᑕᒧᑯᓗᕐᕋ

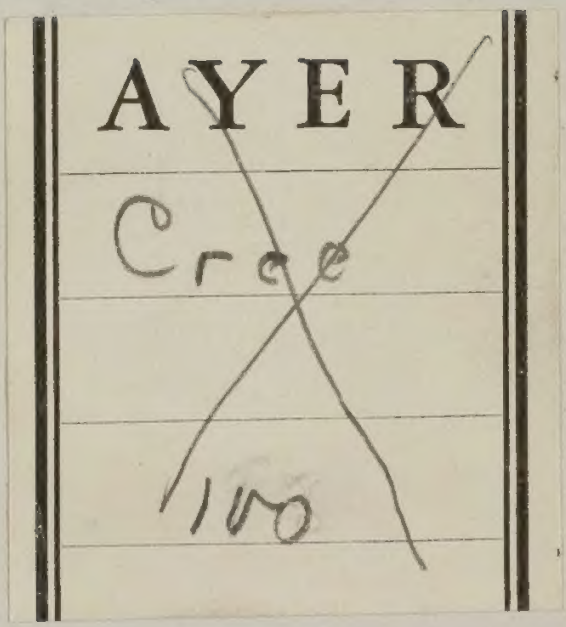
---

80. ᓂᒃᓕᑉ

1 ᒪᒥᑦᑭᒥᕋ ᑭᖅᒪᓂᑐ
ᑕᑦ ᐊᖏᑭᕋ ᐅ ᐊᐅᕐᖅᖁ
ᒥᓇ ᑭᓱᑯᕋ ᐁᐅᕐᖅᖁ
ᒪᒥᑦᑭᒥᕋ ᑭᖅᒪᓂᑐ
2 ᒪᒥᑦᑭᒥᕋ ᐁᔪᓐᓴᐃᐃᕋ
ᒥᓇ ᑭᖅᖏ ᐁᑯᓱᓱᕋ
ᒥᓇ ᖃᓇᑎᓱᐟ ᐊᓐᓯᕋ
ᐃᒪᐃᑉ ᐯᕐᖁ ᒪᓂᕿ

Gilbert and Rivington, Whitefriars, London

Ayer
oBV
510
.C74
P73
1877


AYER
Cree
100